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Focus:
Industrial Automation, Instrumentation,
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L3



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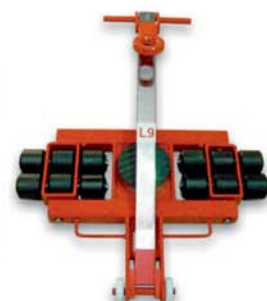
V5



V10



L6



L9



RL 4

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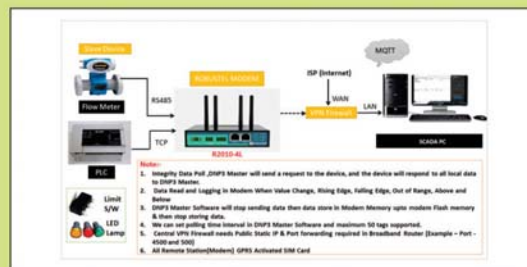
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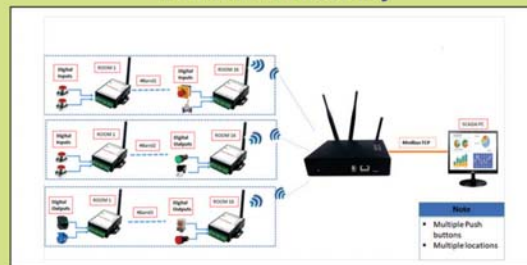
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Double Dump Valve

Macawber offers Double Dump Valve. Its key features: Consists of an inlet flap gate, an intermediate lock chamber and an outlet flap gate; Works on gravity discharge; Used for airlock and drop through applications without losing airlock/vacuum; for applications wherein the material shape, size and properties may not suit a feeder; Suited for flakes, straws, cakes, odd shaped materials; Actuation can be pneumatic, hydraulic as well as motorized; Rubber flaps are designed to work pressure tight up to pressures of 2 bar; Designed in various sizes and configurations from 100 mm x 100 mm up to 1 m x 1 m; Generally designed for square profiles but can also be designed for rectangular profiles; Inlet and outlet flaps are rubber/polymer lined as per application; Can be designed to CIP standards as per requirement.



Contact:

Macawber Engineering Systems India Pvt Ltd
130-131, 125-126 Hindustan Kohinoor Complex
LBS Road, Vikhroli, Mumbai 400 083
☎ 022 – 2577 2047 / 2579 4624
E-mail: sales@macawberindia.in



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with trust and quality...*



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Comparison Tester



Needle Valves

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ARBUDA INSTRUMENTS

Office : E-11/1, G.I.D.C., Sector-26, Gandhinagar - 382 026 (Gujarat)
Telefax: 079 - 2328 7990 • Mob: 090337 11390 / 093282 97128
E-mail: arbudainst@yahoo.com • Website: www.arbudainstruments.com
Mumbai Office : 23/25, Maruti Mandir Marg, Mumbai - 400 004
Tel.: 022 - 2382 4101, 6636 2754



SMERA RATINGS LIMITED



Syphons

Transformer Protection Numerical Control & Relay Panel for 25 kV Traction

Alind make Control and Relay (C&R) panel comes in vertical, self-supporting, closed type steel construction. It is developed in such a way that optimum utilization of space on front, rear and side panels is made and all important hardware is on the front side panel. The inside of panel can be accessed from rear side of panel and for this, hinged type doors with locking arrangement is provided. Lifting hooks are provided on the panel for loading of panel for transportation. Drawings of dimension details, circuits, terminals details, design and layout of equipment on the panels are provided along with the panel. The panel is fabricated from steel sheet of thickness greater than 3.0 mm for front, rear, doors and base panels, and greater than 2.0 mm for side, roof and door panels. The bottom portion of the panel is provided with detachable type steel sheet covers with suitable cable glands to facilitate entries of control cable from trenches to control panel. The panel is suitable for erection flush with the concrete floor by evenly spaced grouting bolts projecting through the base channels of its frame. To avoid rusting of the panels during service, pre-treatment through seven-tank process is done prior to painting. There is provision for power down mode for the system when the substation, where panel is placed is unmanned. In this case all the protection elements will function as usual but the alarm, annunciation/display and local acknowledgement features will remain out of circuit till the system is activated again. A separate front accessible ON/OFF switch is provided for this purpose. ALIND is a premier engineering industry in India.

Contact:

Aluminium Industries Limited (ALIND)
Relays Division, Kavinpuram, Vilappilsala PO
Thiruvananthapuram, Kerala 695 573
☎ 0471 – 2379 704, 2379 503 • Mob: 94960 06704
E-mail: contact@alindrelays.com

LCD Temperature Controllers & Limit Switches

Amal Controls supplies High Performance LCD Temperature Controllers and Limit Switches from Hanyong Electronic Co. Ltd, a world leader in temperature controllers and instrumentation and control products. The products are: Temperature Controllers, Recorders, Counters/Timers, Panel Meters, Sensors, Encoders, Relays (TPR/SSR/SMPS), etc.

Contact:

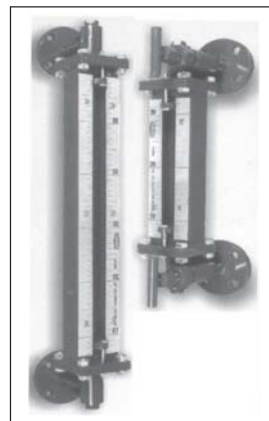
Amal Controls
No: 33, Uppilpalayam Main Road
Varadharajapuram, Singanallur
Coimbatore, Tamil Nadu 641 015
Mob: 95855 92883 • E-mail: info@amalcontrols.com

Direct Gauges

R K Dutt Concerns, an ISOP 9001 Certified Co offers Heavy Duty Tubular Gauges. Its operation: Level is seen thru heavy wall Borosil glass tube, protected by heavy duty box type guard made out of steel channels. Ends sealed by PTFE bolted gland. Bolted construction ensures long life. Versions: Heavy Duty Eco-Gauge. Options: Auto shut off Ball check; Isolation Valves; 16 mm and 19 mm Borosil Glass; Scales – Aluminium/SS/Acrylic; Drain/Vent Valves; Acrylic Cover. Speciality: Bolted gland design with Box Type heavy duty steel protection or Corrosion resistant and light weight FRP Guard. Features – MOC: CS, SS, PP, PTFE; Operating Pressure: Abs, Vacuum to 8 bar. Range: Up to 3000 mm; Operating Temperature: 0° to +120°C. Applications: Simple liquids in small tanks, Water, Acids, Alkalis, Solvents, and Oils.

Contact:

R K Dutt Concerns
A-88, Road No: 18, Wagle Estate
Thane, Maharashtra 400 604
☎ 022 – 6724 8787 / 2582 2541
E-mail: marketing@rkdutt.com



Pneumator – Pressure Calibrator

Testo India Pvt Ltd offers Pneumator – Pressure Calibrator. Features: Perfect for pressure or differential pressure calibration; Applicable for both, stationary use in lab as



well as mobile; Also serves as onsite precision measuring instrument with highest precision and secure battery operation; Working of pressure sensor completely without mechanical friction; With a two sided magnetically coated core for sensitive inductance changes. Testo also offers Calibration and Services, Transmitters, Data Loggers and Monitoring Systems, Thermal Imagers, Gas Analyzers, Smart Probes, etc.

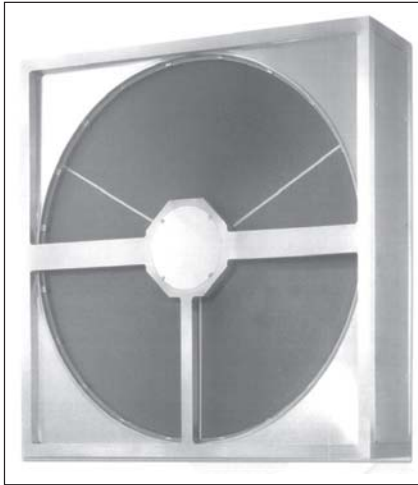
Contact:

Testo India Pvt Ltd
Plot No: 23, Sind Society, Baner Road
Aundh, Pune, Maharashtra 411 007
☎ 020 – 2592 0005 • E-mail: info@testo.in

Rotary Heat Exchangers

Appidi Technologies Pvt Ltd offers Rotary Heat Exchangers for ventilation systems. The highest form of thermal energy recovery system in air handling systems of the rotary heat exchanger.

No other system of energy recovery could compare with it in terms of delivering high efficiencies with high air volumes in limited room spaces. Principles: The rotor which is constructed like a honey-comb rotates non-stop between the streams of cold air



and hot air. The rotor is cooled up to 80% of the cooling and humidity contained in the air. Then the cooling is transferred to the hot supply air coming from ambient to the rooms. Rotor Types: Condensation Rotors (Primarily used for sensible energy recovery); Enthalpy Rotor (this type of rotor has hygroscopic surface, which supports the transfer of moisture); Sorption Rotor Hugo (Rotors of this type have a high hygroscopic coating, which allows high sensible and latent efficiencies year round); Epoxy coated Rotors (In order to increase corrosion resistance, rotary heat exchangers are also coated out of epoxy coated aluminium foil). Applications: Pharmaceutical labs; Hospital industry; Schools; Software parks; All comfortable air conditioning zones require good indoor air quality.

Contact:

Appidi Technologies Pvt Ltd
 Survey No: 123, Jeedimetla Village, Qutbullapur Road
 Hyderabad, Telangana 500 055
 ☎ 040 – 6586 3942 • Mob: 92480 33474
 E-mail: appiditech@yahoo.com

Copper Wires & Strips

Ram Ratna Wires Ltd is a leading manufacturer and supplier of quality winding wires in the electrical equipment industry. Its products are utilized in various equipment including transformers, cables, transmission lines, switchgear, capacitors etc. Products are: Super Enameled Aluminium Strips, Sole coat AIW Enameled Wires, M H Classic Submersible Winding Wires, M H Classic Submersible Flat Cables, Bunched and Braided Bare Copper wires, Super Enameled Copper Wires, Fine and Ultrafine Enameled Copper Wires, Super Enameled Aluminium Winding Wires, etc.

Contact:

Ram Ratna Wires Ltd
 Ram Ratna House, Utopia City, PB Marg
 Worli, Mumbai 400 013
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Mulund (W), Mumbai 400 080

Telefax: +91 - 022 - 4506 4490

Mobile: +91 - 98200 84083

Email: info@haris.in • Website: www.harissensor.com

CNC Video Measuring Machine

ATQ Metro offers CNC Video Measuring Machine. Features are: these products offer powerful 3 axis measurement solution with high precision and high accuracy; it provides you fast and accurate measurement of complex precision parts; the image processing technology and high speed stage control enable high-through output measurements, which make the UL series the optimal solution for work pieces that have many features to be measured; with the ATQ metro measuring software, the UL series is capable to offer powerful 2D/3D composite measuring function; these products features are highly accurate measurement, classic model; fully HD camera with high image quality; high performance auto focus; auto zoom; touch trigger probe; advanced illumination system; and programmable ring light. The company is a leading manufacturer and service provider of state-of-the-art engineering products in the field of industrial 2D/3D metrology, dimensional measurement, reverse engineering and traceability.



Contact:

ATQ Metro

51, Mahasainik Industrial Estate, Plot No T-153/1
MIDC, Bhosari, Pune, Maharashtra 411 026
☎ 020 – 2711 2477 • Mob: 78754 44909
E-mail: info@atqmetro.com

Pneumatic Dot Peen

Stamp IT Robotai and Solutions Pvt Ltd offers Pneumatic Dot Peen. Features are: the firm aims to provide solutions to the needs of wide marking application areas; desktop hybrid machine is one of the most popular solution for such usage; a simple plug-n-play connectivity eases its use to a great extent; basic ethernet connector avoids any compatibility conflicts raised with USB connector; an Ipv4 protocol marks its simplicity with higher data carrying capacity and cost efficiency. The company is a manufacturer of pin marking machine. They specialize in giving all types of CNC marking solutions for permanent direct part marking on metal and non-metal components and tags.



Contact:

Stamp IT Robotai And Solutions Pvt Ltd
404, Bhumi Velocity IT Park, Road Number 23
Wagle Industrial Estate, Thane West, Maharashtra 400 604
☎ 022 – 6513 1554 • E-mail: enquiry@stampitcnc.com

Wire Rope Hoists

Tacklers Engineering Pvt Ltd (formerly known as Techno Industries) offers Wire Rope Hoists. Features: Modular lightweight construction and compact designed hoists with very low head room; Hoisting gearbox, motor and brake is in one single compact unit eliminating coupling and alignment problems; All gear drives are made in Germany and are life time lubricated; Two speed hoisting drive in 6/1 ratio with built-in flywheel and soft start/stop feature; Extremely low noise levels during operation; All motors are pole changing crane duty with Class F insulation; DC brakes with a minimum of one million maintenance free operation; Wide, large diameter steel wheels with permanently lubricated bearings; Equipped with two upper and two lower position geared limit switches; Heavy duty wire rope guide for rope guidance; Easy to service electrical control system; All controls mounted in IP 54 panel enclosure; Variable frequency drive is available as an option on hoist as well as cross travel drives; Overload limit switches, and Remote control pendant are available as an option. Available in load range from 2 Tonnes to 25 Tonnes in different class of duties and lift and hoisting speeds.



Contact:

Tacklers Engineering Pvt Ltd

Plot No: 613, Phase-IV, GIDC, Vatva
Ahmedabad, Gujarat 382 445
☎ 079 – 4032 3330 • Mob: 93287 39901, 93770 39904
E-mail: info@technoind.com

Capacitive Proximity Switches

Jayashree Electron Pvt Ltd offers Capacitive Proximity Switches Series SW 505/SW 515 for sensing metal and non-metal objects. These Switches are available from M12 and above sizes. Switches are designed to sense non-metallic objects such as wood, plastic, rubber, paper, liquids, grains, plastic granules, etc.; Available for working voltages from 10 V DC to 240 V AC/DC. Special models to withstand high operating temperature/custom-built shapes/intrinsically safe for flame-proof application are also available. These switches are useful for Position and level sensing applications in pharmaceuticals, food processing, plastics, etc.



Contact:

Jayashree Electron Pvt Ltd
EL-34, J Block, MIDC, Bhosari
Pune, Maharashtra 411 026
☎ 020 – 4690 1300 • E-mail: sales@jayashree.co.in

Flat Submersible Cables (3-Core)

Empire Cable Industries is India's leading manufacturer of a wide range of electrical PVC insulated wires and cables, which are used by quality conscious electrical contractors and recommended by leading consultants, architects, and builders for projects, domestic, industrial and agricultural wiring for trouble free working. These connecting cables are used for submersible pump motors; and are manufactured keeping in mind the severe and difficult conditions in which they are required to perform. The individual conductors are made from bright electrolytic grade copper; and drawn, annealed and bunched properly to ensure flexibility and uniform resistance. Each of the 3 copper conductors is insulated with special PVC compound. The cores are laid up in flat parallel position. The outer sheath of the cable is made from a special grade of abrasion resistance PVC compound impervious to water, grease, oil, etc.



Contact:

Empire Cables Industries Pvt Ltd
115 Phase II, Badli Industrial Area, Delhi 110 042
☎ 011 – 2789 3424, 2386 8832
E-mail: empirecables@yahoo.co.in

Electrical Panels and AMC Services

Pandiyans Industries is an Electrical Contractor. The Company is offering products such as: Automatic Power Factor Correction Panels (APFC) (*pix, top*); Control Panels, which are used to control packaged equipment. They contain enclosed electrical power, control and operator devices designed and arranged to allow an operator to control a piece of equipment. LT CT Metering Panels – this panel is used for Textiles, Garments, Mills, and Foundries. Also supplies Sub Switch Boards (SSB), Street Light Poles, Electrical Works; Fabrication Works, MS and SS Bending Job Works, MS and SS cutting job works.



Contact:

Pandiyans Industries
502/1 Rajiv Gandhi Road, Balamurugan Nagar
Ganapathy, Coimbatore, Tamil Nadu 641 006
☎ 0422 – 233 3929 • Mob: 99946 07929 / 94437 67929
E-mail: info@pandiyansindustries.com

Luminous Pure Sinewave Solar Hybrid

Sabi Power Systems offers Luminous Pure Sinewave Solar Hybrid 1100 /12 V Home UPS. The features are: Luminous Solar is a powerful hybrid inverter with 30 Amp inbuilt



charge controller, which gives priority to solar power use to save on electricity bills; the solar inverter charges the battery from the grid and solar panel both; it can charge the battery and supply solar power to connected loads if solar generation is sufficient; otherwise, it gives first priority to solar battery charging and then supplies additional power to connected loads. The company is counted amongst the responsible manufacturers and suppliers of online UPS, line interactive UPS inverters, servo stabilizers, power factor controllers, and CVT.

Contact:

Sabi Power Systems
Old No: 15 (New No: 4), Arcot Road, Vani Nagar, Jai Nagar
Jai Garden, Valasaravakkam, Chennai 600 087
☎ 044 – 4865 5700 • Mob: 98404 23433 / 99403 91982
E-mail: sales@sabipower.in

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Rubber Metal Bonded Products

E&B Rubber Metal Products Pvt Ltd is a leading manufacturer of anti-vibration mounts and rubber metal bonded products in India. E&B Rubber Metal Products Pvt Ltd is a joint venture between Dynemach Systems Pvt Ltd (India) and Talleres Egaña, S.L (Spain). The company started its operations in 2010 and now has a well-established manufacturing unit in Haryana, (Delhi). The Egaña product range of anti-vibration mounts and rubber metal bonded products is now being developed in India and the European standards of quality are being followed while manufacturing these mounts in India. E&B Rubber replicates in India all the processes and products with the same quality. Also, these mounts are commercially suitable for the Indian market. After catering to the local Indian market, the Company is now supplying to major OEMs in India for their requirement of Anti-Vibration Pads. E&B Rubber Metal Products Pvt Ltd manufacturing facility in Haryana has the most advanced machines so all the production processes of Talleres Egaña could be employed here. Quality is not compromised during any stage of production. The anti-vibration products produced in the Indian unit are also being exported to Europe under Egaña's brand name. The anti-vibration mounts are suitable for all kind of machinery. The major end users are manufacturers of genset, compressors, wind turbines, mountings for control panels, rubber metal motor mounts, etc.



Contact:

E&B Rubber Metal Products Pvt Ltd
101 Priya Apts, Sector-14, Rohini, Delhi 110 085
☎ 011 – 2734 7982 • Mob: 98107 60131
E-mail: sales@ebrubber.com

Level Sensing for Chemical Industry

Sapcon Instruments is the largest Indian manufacturer of Process Control Equipment. The products include: Level Switches and Transmitters, Hydrostatic Level Transmitters, Temperature Sensors and Speed Monitoring System. The Company also supplies Chlorine Analyzers, pH Meters and Turbidity Meters. Sapcon caters to industries like: Brewery and Distilleries; Cement Manufacturing Process; Chemical Plants, Dairy Processing Plants, Fertilizers and Pesticides; Steel and Metallurgy Processes; Soya bean Processing Plant; Poultry, Cattle Feed and Fisheries; Packaging Machinery; FMCG and Personal Care; Water Treatment Plants, Man-Made Fibre; Pharmaceutical; Foundry and Casting; Fuel Monitoring System; Grain Handling and Rice Milling, etc.

Contact:

Sapcon Instruments Pvt Ltd
131 Palsikar Colony, Indore, Madhya Pradesh 452 007
☎ 0731 – 485 5999 / 475 7575 • E-mail: web@sapcon.in

Industrial PTFE Tape

Sanghvi Products offers Industrial PTFE Tape. The features are: these expanded soft packings are made from a special grade PTFE resin with a one side adhesive strip. This expanded soft packing fills all the voids in uneven or damaged surfaces, thereby giving perfect sealing; it is chemically inert and can be used with almost all chemicals. One side of the packing



has an adhesive strip hence it is very easy to install; it is widely used in place of gaskets. Recommended for sealing flanges, housings of pumps, compressors, gearboxes, manholes, heat exchangers, reactors, agitators, mixers, tank lids, and many other such applications. The company is an UL certified, and a market leader, largest producer of thread sealant tapes made of PTFE and non-asbestos based varieties of packing. The company is built on the corporate philosophy of Sanghvi Group, "Excellence through Experience," and has almost three decades of experience in the industry.

Contact:

Sanghvi Products
182/3 Opp: Balahanuman Fabrics, B/s: Anand Industrial Est
Ranipur Gam, Narol, Ahmedabad, Gujarat 382 405
Mob: 99130 63634 • E-mail: sales@sanghviproducts.com

Industrial Thermometer Bimetal

Elite Instruments offers Industrial Thermometer Bimetal. Special Features: Stainless Steel Case and Stem Bottom/Back/Every Angle Entry Silicon Oil Filled (Optional) with or without Thermowell External Zero Adjustable (Optional) Standard Followed En13190. Specifications – Accuracy: 1 as per EN 13190; Ambient Temperature: -13°F (-25°C) to 108°F (60°C); Operating Pressure: 25 bar (without Thermowell); Stem Diameter: 8 mm; Case and Bezel: AISI 304 SS (Bayonet Type); Stem Connection: AISI 316 SS; Joint: Tig Argon Arc Welding; Sensing Element: Coiled Bimetal; Protection: IP 65 (EN 60529/IEC529); Dial: Aluminium; Pointer: Aluminium; Window: Safety Glass; Gasket: NBR. Applications: Chemical/Refinery/Fertilizer/ Petrochemicals/Pharmaceutical/Power/Cement/Sugar/Food and Beverages/Pulp and Paper and Allied Process industries, which are having Corrosive Media/Environment.



Contact:

Elite Instruments
Special Plot No: 3, Phase-2, APIIC Industrial Park
Peddapuram, Dist: East Godavari, Andhra Pradesh 533 437
☎ 08852 – 294 678 • Mob: 810603131
E-mail: sales@elite-instrument.com

Agitators

Thermotech Engineering designs and manufactures Agitators, with a state-of-the-art mixing simulation (CFD) software, providing customers with an optimal solution to their mixing needs. Impeller Technology: Thermotech provides a family of standard as well specialized impellers suited to specific applications, and processes. Design and build quality: Thermotech agitators are built to exacting standards of fit, finish, and durability, giving customers years of trouble free service. Applications: Blending miscible liquids; Dispersion of immiscible liquids; Solid suspension; Enhanced heat transfer; Enhanced mass transfer. MOC: All stainless steel, all carbon steel, Titanium Hastelloy, Monel Halar, PFA, and Rubber.



Contact:

Thermotech Engineering And Services Private Limited
A-45 H-Block, MIDC Pimpri, Nr: Morwadi Court
Pune, Maharashtra 411 018
☎ 079 – 4253 3326 • Mob: 97644 40993
E-mail: sales@thermotech.one

Solar Batteries

Urja Batteries offers Solar Batteries, which are manufactured by Urja are many steps ahead of other available options in the market. The reasons that make this product a much superior performer lie in the selectively chosen lead alloy tested with the broker Germany machine, high-pressure casting in HADI machines, in-house oxide formulation, imported microporous separators, and vent plugs that ensure a long life and reliable storage power solution; the combination of low antimony alloy in the positive spine and ceramic vent plugs keeps the water topping-up requirement very low; the success of photovoltaic systems largely depends on the efficiency of their storage. Storage of renewable energy is a challenge, as the electricity produced from solar panels is intermittent, and batteries are designed especially for efficient storing of energy and provide power optimally whenever required. The battery thus used is to be suitable to withstand daily charge-discharge cycles and work even in partial state of charge conditions and recharge at a faster pace.



Contact:

Urja Batteries Ltd
Plot No: 11, Sec. 16, HSIIDC, Industrial Complex
Bahadurgarh, Dist: Jhajjar, Haryana 124 507
☎ 01276 – 645 363 • E-mail: info@urjabatteries.in

Push Button Safety Quick Release Coupling

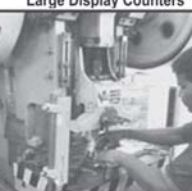
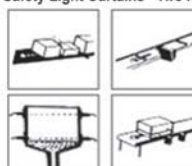
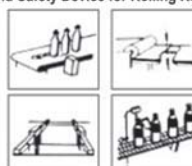
Siemag introduces the all new Push Button Safety Quick Release Couplings. The 2 Stage release mechanism prevents hose whipping that cause injury that could result from accidental disconnection. It also prevents scratches or damage to working surface due to the contoured body with round edges. Manufactured from shock resistant composite material, together with surface treated metallic components these QRCs ensure long life and dependability. On pressing the button once the air in the releases instantaneously and on pressing the button the second time the plug gets released from the socket. Features: 2 Stage Release Action; Press button once: instantaneous pressure relief Press button twice: Instant disconnection; Impact and Scratch Resistant; Eliminates Hose Whips; Contoured Body; Comply to ISO 4414. Applications: Paint Shop / Die Tooling Shop; Use where safety is a major concern; Pneumatic tools and grinders; Blowing and cleaning.



Contact:

Siemag Industries, Mumbai 400 063
Mob: 77188 75757 • E-mail: info@siemag.net

SENSORS, SAFETY LIGHT CURTAIN, COUNTERS

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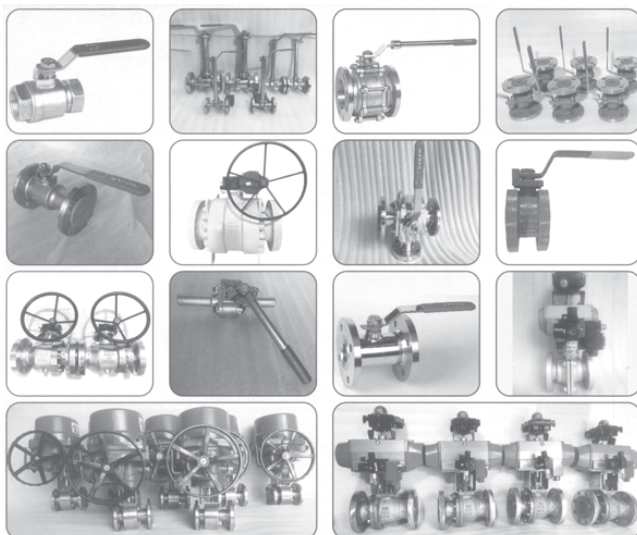
Photon Controls (India) Pvt. Ltd

Plot No.C 10/1, Gala No.54, NICE INDL. ESTATE,
Ladies Proj. MIDC, Satpur, Nashik - 422 007.
Telefax: (0253) 2355498, 2352760 • Mob: 093739 07348
E-mail: marketing@photoncontrols.com / mukund@photoncontrols.com
Website: www.photoncontrols.com



Ball Valves

Karan Valves Pvt Ltd offers Ball Valves. Specifications – Size Range: ½” to 24”; Class Ratings: 150# to 2500# / PN 10/PN 16/PN 25/PN 40/PN64; Design: 1 PC, 2 PC, 3 PC, 2



Way, 3 Way, 4 Way; Bore: Full Bore and Reduce Bore; Type of Valve: Floating Ball Valve and Trunnions Mounted Ball Valve (Soft Seated and Metal Seated); Design Standard: ISO 17292 / API 6D / EN 1983 / BS 5351; Testing Standard: API 598; End Connections: Screwed (BSP/NPT), Socket, Socket with Pup Piece, Buttweld end, Wafer End, Flanged End (RF / RTJ / T and G); Face to face standard: ASME B16.10 / EN 558; MOC: All types of Ferrous and Non-Ferrous; Flange Dimensions: ASME B16.5 / EN 1092-1 (DIN) / BS 10, etc.; Operations: Lever / Gear / Pneumatic / Electric. The Company also offers Strainers, Butterfly Valves, Globe Valves, Swing Check Valves, Suction Diffusers, Gate Valves, Dual Plate Check Valves, etc.

Contact:

Karan Valves Pvt Ltd

Unit 1: 41/1 & 66, Karunasagar Industrial Estate

Opp: Anil Starch Mill, Naroda Road

Ahmedabad, Gujarat 380 025

Mob: 98251 81434 / 93270 20610

E-mail: info@karanvalves.com

Sheet Metal Works

Blaze Industries is a one stop solution for all types of sheet Metal Works, Laser Cutting, CNC Bending, Fabrication and Powder Coating with Superior Quality, at optimum price and within Timeline. With versatile professional experience in both mechanical and electronic fields, the Company has expertise in manufacturing of Battery Enclosures, Material Handling Trolleys, Storage Solutions and Tea Coffee Vending machines.

Contact:

Blaze Industries

Gat No: 127, Nr: SM Mart, Ganesh Nagar

Talawade MIDC, Pune, Maharashtra 411 062

Mob: 98903 06331 / 97651 55155

E-mail: blazeindustriessmg@gmail.com

Testing Instruments

KUSAM-MECO, an ISO 9001:2015 Company offers a range of Testing Instruments such as Professional/Industrial Grade Digital Multimeters, High safety UL Approved Dig-



ital Multimeters, Industrial/Professional Grade Digital Clamp meters, AC/DC Current Adaptors, Insulation Resistance Tester Analog and Digital 100 V ~ 10 kV, Network Cable Tester, Sound Level Meter and Calibrator, Digital Lux Meter/Data Logger, Digital Thermo Anemometer, Digital Thermo Hygrometer, Digital Wood Moisture, Paper Moisture and Grain Moisture Meter, Digital Contact/Non-Contact Type Tachometer, Digital Stroboscope, Phase Sequence Meter, Distance Meter, Infrared Thermometer for 300°C, 550°C, 1000°C; Digital Thermometer/RTD Thermometer; Earth Resistance Tester, Power Clamp Meter for Single and Three phase, Automatic Power Factor Regulator for 4 steps, 6 steps and 12 steps, Energy Analyser, Multi-function Power Meter/MD controller, Transmitters/Transducers; Gas Analysers; race Oscilloscope; DC Power Supplies; Process and Multifunction Calibrators; Digital Earth Resistance Tester; Power Clamp Meter with kWhr Measurement; Digital Light Meter, etc.

Contact:

KUSAM-MECO

Shop No: 18, 12th Floor, CIDCO Shopping Complex

Plot No: 9, Sector-7, Rajiv Gandhi Marg

Sanpada, Navi Mumbai 400 705

Mob: 98674 88006 / 98676 75093

E-mail: sales@kusam-meco.co.in

Electrical Measuring & Protection

Selec Controls Pvt Ltd offers Electrical Measuring and Protection instruments like Multifunction Meter, Digital Panel Meter, Analog Meter, Current Transformer, Line Monitoring, Current Monitoring, Pump Protection, Motor Protection, Time Switch, Analog Timer, Multifunction Meter, CT Operated Energy Meter, Plug-in-Wire Multifunction Meter, Direct Operated Energy Meter, Digital Panel Meter, VAF Meter, etc



Contact:

Selec Controls Pvt Ltd

EL-27/1 Electronic Zone, TTC Industrial Area

MIDC, Mahape, Navi Mumbai 400 710

Mob: 91369 77315 • E-mail: sales@selec.com

Metal Tube Rotameter with Digital Flow Indication & Transmitting Output

FITZER® Metal Tube Rotameter with Digital LCD/LED Flow Indication and Transmitter Output is specially designed for Process industries to measure the flow rate and total quantity of Liquid or Gases under Critical Condition. This Rotameter finds application particularly for fluid with high temperature, pre-sure and can also be used for opaque liquid, whenever the visibility of Float is observed. Features: Compact and Long Terms reliability; Rugged and corrosive environmental construction; Custom-built, construction, ranges and process connection; Individual calibration for high accuracy; Simple mechanism and thus maintenance free; Easy to clean – no calibration disturb; 2-Wire Linear transmitting output; Digital flow indicator totalizer unit with adjustable alarm set point; With weatherproof-flameproof enclosure. User Areas: In process of Chemicals, Pharmaceuticals, Dairy, Oil and Food Industries, Petrochemicals, Fertilizer, Effluent Water Treatment Plants and many uses where Accurate Flow Measurement required in Process and Engineering Industries.



Contact:

Fitzer Instruments Company (India)

Atali, Nr: Ambivli Station (W), PO: Mohone

Tal: Kalyan, Dist: Thane, Maharashtra 421 102

Mob: 86918 16354 / 86918 16356

E-mail: fitzerindia@hotmail.com

Ceramic & Mica Band Heaters

Marathon Heater (I) Pvt Ltd offers Ceramic and Mica Band Heaters. Application: Sheath Material; Sheath Material: Aluminium Coated or SS; Insulation Material: Ceramic Fiber Blanket / Mica; Watt Density: Up to 45 W/in²; Watt Ratings: 500-5000 W; Voltage: 120 V and 220 V, Single Phase, 2 phase and 3 phases; Width: 25 mm – 250 mm; Diameter: 40 mm minimum to expand up to 1200 mm in 3 parts. The Company's products range include: Air Heaters, Hot Rod Cartridge Heaters, Thermocouple Sensors, Furnace Heaters, Bobbin Heaters, Silicon Carbide Heating Elements and MoSi₂, Heater, Tubular Heaters, Flexible Heaters, Coil Heaters, Heat Tracing and Mineral Insulated Cables, etc.



Contact:

Marathon Heater (I) Pvt Ltd

188-A, B-169 (Pat), B-188 & B-189 (A), Road No: 5

MIA, Madri, Udaipur, Rajasthan 313 003

Mob: 93511 59988 / 80033 95150

E-mail: akhil@marathonheat.com

Canned Motor Pumps

Hydrodyne Teikoku (India) Pvt Ltd offers Canned Motor Pumps Type K/K-S: High Melting Point Pump - PLAN 1-S. This pump has a construction suitable for handling liquid with a highly solidifying (melting) point. This pump is provided with a heating jacket on the outer surface of the pump and the motor to prevent liquid from solidifying during liquid filling, before start up and during the pump operation. The Company in its small way has been silently contributing towards controlling of toxic and hazardous emissions from process plants, by manufacturing and supplying, seal-less Canned Motor Pumps, since 1994. Benefits: No seals to replace; Emissions free; No product loss; Flame proof/explosion proof; No external lubrication; No coupling; No misalignment on thermal shock; Negligible maintenance; No rigid foundation; Compact – saves 40% space; and Safe Operation.



Contact:

Hydrodyne Teikoku (India) Pvt Ltd

S No: 18, H No: 3, 4 and 5 of Village Ghodbunder

Mira Bhayandar Road, Nr: RTO Office

Mira Road (East), Dist: Thane, Maharashtra 401 107

☎ 022 – 5059 2300 • E-mail: info@hydrodynepumps.com

Copper Strips & Foils

Gujarat Copper Alloys Limited is one of the leading manufacturers of Copper Strips and Foils in Copper Industry. Also produces Copper Bus Bars, Copper Rods/Hex, Cop-



per Flats, Copper Alloys products, Copper Profiles and Sections, Copper Tubes, Brass Coils, etc. In electric power distribution, Copper Stripes is a pure copper strip or bar, typically housed inside switchgear, panel boards, and bus way enclosures for local high current power distribution. They are also used to connect high voltage equipment at electrical switchyards, and low voltage equipment in battery banks. Applications: Electrical distribution, Electronics, Connector, Transformers, and Auto Sector.

Contact:

Gujarat Copper Alloys Limited

Cutch Castle Building, 4th Floor, Above Kulin Kumar Holidays

Opera House, SVP Road, Mumbai 400 004

☎ 022 – 432 4343 • E-mail: admin@gcal.co.in

Deflagration Type of Flame Arrester/End of Line Flame Arrester

Manisha Industries offers Deflagration Type of Flame Arrester/End of Line Flame Arrester. Deflagration Type of Flame Arrester: Deflagration is an explosive that propagates at subsonic velocity. An Atmospheric deflagration, which occurs in open air without a noticeable increase in Pressure.

Detonation Type of Flame Arrester: Detonation is an explosion that propagates at supersonic velocity and is characterized by a shock wave. Maximum Experimental Safe Gap (MESG): A flammable gas or mixture enters a narrow gap between two plates, the flame propagates through the gap in the direction of the unburned gas. Heat is transferred from the flame front to the walls of the gap. The narrow and the longer the gap, the larger the influence of the cold wall on the flame profile. With an approximately sized gap, the heat transfer extinguishes the flame and prevents flashback. This is a flame arrester's principal operation. Special Features: Design of Flame Arrester such that it gives Maximum Flow and low pressure Drop. Easy cleaning, less clogging and less Maintenance. Removable element design allows for easy inspection, cleaning and replacement. Fluoropolymer coated Body and hardware are provided for outstanding corrosion and chemical resistance. Provision available for Standard Temperature port in all type of Flame Arresters. Available in A216 Gr. WCB, SS 304 and SS 316 and Flame cage/Element will be in SS 304, SS 316, SS 316Ti and Hastelloy C. Flame Arresters are designed and manufactured as per API 2000 7th Edition and Tested as per ISO 16852.

Contact:

Manisha Industries

40 Shreeram Industrial Estate, Anup Engineering Compound

B/h: CMC, Odhav Road, Ahmedabad, Gujarat 382 415

Mob: 98790 32757 / 87589 16396

E-mail: sales.glandovalve@gmail.com



Semiconductor Grade Chemicals

Excel Industries manufactures ultra-pure electronic-grade chemicals using advanced extraction technologies. These high-quality chemicals are essential for semiconductor fabs, utilized in etching, cleaning, and polishing processes.

Contact:

Excel Industries Ltd

184-87 SV Road, Jogeshwari (West), Mumbai 400 102

☎ 022 – 6646 4200 • E-mail: chemicals@excelind.com

Critical Process Equipment

KRR Engineering Pvt Ltd is one the leading process plant equipment manufacturers with a strong legacy since 1976. With a commitment to clean and green engineering, the company delivers cutting-edge technology and state-of-the-art manufacturing solutions for critical process equipment. Products are: Digesters, Lean Amine Surge Drum, Ammonia Tank, WNA Bulk Tank, Aerospace Grade Autoclave, Dished Ends, Pressurized Chillers, Ammonia Bullet, Sulphur Furnace, CO₂ Product Cooler, Dryer, Evaporator Reboilers, etc.



Contact:

KRR Engineering Pvt Ltd

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Mob: 93456 25050 • E-mail: info@krr.co.in

Multi Wire Conductive Plastic Potentiometer Model MW-CP-20

Ever growing demand in the Indian Industries and the requirements in the EV sector to meet specific application PANKAJ has developed with in-house R&D this new product. Features: 20 mm square housing made of strong glass reinforced engineering plastic; 5 mm Diameter spring re-



turn plunger; Flange mounting; 10 mm or 20 mm Electrical travel; Buffer on Plunger; Gold Plated PCB Terminals; Precious Metal Multi Wire wiper contact; Long life; Infinite resolution; and IP 68 Tested. Electrical Specifications - Resistance Values: 1 K, 5 K and 10 kW; Resistance Tolerance: ±25%; Linearity: ±1%; Stroke Length: Mech: 12 mm/22 mm, Electrical: 10/20 mm; Stroke Life: 1 Million cycles (10 Lacs); Operating Temperature: 0°C to 70°C; Output Curve: Linear; H V Test: 500 V AC for 1 minute. Mechanical Specifications: Housing: 20 mm square; Housing Length: 43 mm; Plunger Diameter: 5 mm; Flange Mounting: Two holes 5 mm dia at 35 mm; Pilot Diameter: 8 mm x 3 mm Thick. Applications: Linear Sensing; Foot/hand operated actuators; Automotive; Feedback Controls viz.: Displacement, Pressures in hydraulics and pneumatics; Switch gears; Variable limit switch; Variable brakes sensor and many more.

Contact:

Pankaj Potentiometers Pvt Ltd

201-B, Udyog Mandir No: 1, 7-C, Pitamber Lane

Mahim, Mumbai 400 016

☎ 022 – 3163 3520 • Mob: 98690 50801

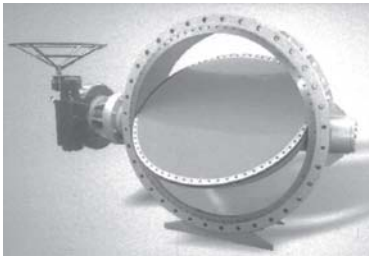
E-mail: pankaj.potentiometers@gmail.com

High Performance Butterfly Valves

Advance Valves is the leader in the manufacture of high performance valves, offering a comprehensive range of elastomer. Butterfly valves are manufactured in sizes from DN 80 to DN 3000 with models, pressure rated from 10 to 25 Bar. Available in Water, Lug-Type, Fully Flanged and Lined configurations. Flange drilling can accommodate BS 4504, DN 2631/2/3/4 as well as ASME B 16.5, ANSI B 16.47 (A), API 605 (A), AWWAC 207, IS 6392 and IS 1538. Elastomer-seal valves operate on the double off-set principle. Materials: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Carbon Steel, Nickel Alloys to ASTM / IS Standards, Nickel Aluminium Bronze. Body and Disc: Fabricated Carbon Steel, Cast Iron, Cast Steel, Stainless, Titanium, Nickel Alloys to ASTM / IS Standards. Shaft: SS 431 (EN57) AISI410, Monel, 17-4-PH, Duplex, Inconel, Titanium; Bearing Bush: Stellite, Nitrided Stainless Steel; Seals: Nitrile, Buna N, and Viton. Retaining Ring: Plated Mild Steel, Stainless Steel. Actuation: Advance Valves are generally fitted with worm gearboxes for manual operation. Hydraulic actuators to suit output drives in accordance with ISO 5211. They can be fitted with Electric, Pneumatic or Electro Hydraulic Actuators.

Contact:

Advance Valves Pvt
142 A&B, NSEZ, Phase-2, Noida 201 305
☎ 0120 – 479 6900 • E-mail: info@advancevalves.com



Industrial Valves

Sahajanand Valves Pvt Ltd manufactures SWASTIK Brand valves under strict quality control at every stage of production, and are tested before delivered to customers. The valves are comply with international standards set by API, ANSI, BS and DIN. The Company's products are Globe Valves, Non-Return Valves, Gate Valves, Flush Bottom Valves, Safety Valves, Control Valves, Strainers, Ball Valves, etc.

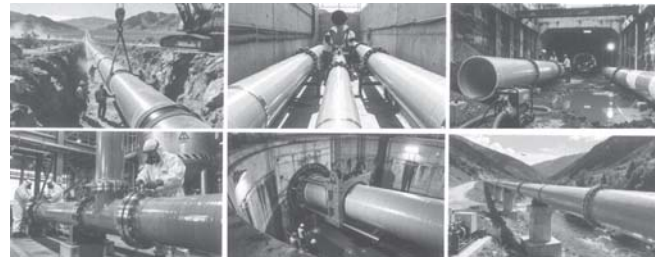
Contact:

Sahajanand Valves Pvt Ltd
Plot No: 5616, Road No: 56, Sachin GIDC
Surat, Gujarat 394 230
Mob: 97129 17981 / 72111 32899
E-mail: sales@swastikvalves.in



Glass Reinforced Polyester (GRP) Pipes & Fittings

EPP Composites Pvt Ltd offers high-performance Glass Reinforced Polyester (GRP) Pipes and Fittings designed for demanding applications across water supply, wastewater,



industrial processes, and infrastructure development. The corrosion-resistant composite solutions deliver unmatched performance, longer service life, add lower life-cycle cost compared to traditional metallic or thermoplastic piping. GRP is composite of high-strength glass fibers and thermoset resin, offering exceptional structural integrity, chemical resistance, and durability. GRP pipelines are ideal for large civil, municipal, and industrial systems where reliability is essential. Product Advantages: Operating temperature: -50°C to +120°C; Standard Length: From 3 m to 12 m; Diameter Range: 25 mm to 4000 mm; Pressure Range: PN 3, 6, 9, 12, 16, 20, 25 and 32; Stiffness Classes: 2500, 5000 and 10000 N/m; Estimated life: 50 years; Corrosion Protection: Not required. Applications: Ideal for multiple industries and large-scale infrastructure: Portable Water Distribution and Transmission; Sewage and Drainage Networks; Irrigation Pipelines; Industrial Effluent and Chemical Transport; HVAC and Power Plant Utilities; Desalination Plants; Fire-Fighting Networks; Oil and Gas GRE Piping (as per ISO 14692).

Contact:

EPP Composites Pvt Ltd
Plot No: 2646, Kranti Gate, Main Road
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Mob: 90990 72505 • E-mail: businessdevelopment@epp.co.in

Stainless Steel

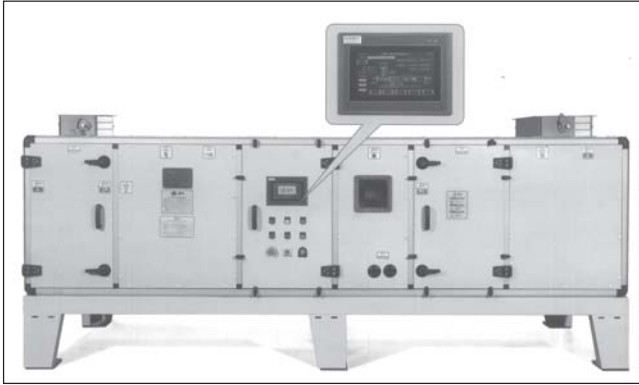
Om Steel Enterprises supplies Stainless Steel, which finds applications in general Food and Chemical industries. Application of High Speed Steel: Bolts, Nuts, Screws; Rayon industry, Sulfite Cellulose industry, Architectural PURPOSE, Automotive industry, Medical equipments, Naval construction, Turbine build, Machine tool Engg; Chemical industry, nuclear energy; Anti-friction bearing, Bridge bearing, Cutting tools, Wear resisting components; Annealing shop, Steam boiler, Ceramic industry, Petrochemical industry, Lining, Nitric and plants; Cutting surgical instruments, Dyeing industry, Paper, and Textile industries.

Contact:

Om Steel Enterprises
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☎ 022 – 2088 0381 • E-mail: sushil@omsteelenterprises.com

Smart Air Handling Unit (AHU)

JPC Air Handler (India) LLP offers Smart Air Handling Unit. A smart air handling unit (AHU) with an inbuilt panel refers to an air handling unit that incorporates advanced



control systems and sensors, allowing for remote monitoring, automation and optimization of HVAC operations. These units can be controlled locally or remotely, often via connection to a Building Management System (BMS). Features: Integrated Control System, Remote Monitoring and Control, Improved Energy Efficiency, Enhanced Air Quality, Reduced Operational Costs, Real-time Monitoring and Analytics, BMS Compatibility, and Customizable Solutions.

Contact:

JPC Air Handler (India) LLP
Survey No: 220, Nr Ganesh Plywood
Jalundra Mota, Gujarat 382 305
Mob: 83472 13155 / 88798 50804
E-mail: contact@jpcair.com

Testing & Measuring Solutions

Gokul Traders offers a range of Measuring Solutions like Calipers, Depth Measuring Instruments, Height Measuring Instruments, Micrometers, Dial Indicators, Thickness



Gauges, Special Purpose Calipers, Chamfer Measurements, Angle, Flatness and Level Instruments, Workshop Measuring Tools, Weighing Scales, NDT (Non Destructive Testing) Instruments, Electrical Testing Instruments, Surveying Testing Instruments, Environmental Testing Instruments, Video scopes/Boroscope, Linear Scale and Height Gauge, Force Gauges, Torque Testers and Torque Wrenches, Other Testing and Magnetic Instruments, Thread Gauges, Air and Electronic Gauging Solutions. Also supplies Hand Tools and Workshop Tools, Clamping Tools, Pneumatic Tools, etc.

Contact:

Gokul Traders
9893 Raviwar Peth, Laxmi Road, Pune, Maharashtra 411 002
Mob: 79729 69901 / 74105 24141
E-mail: info@gokultraders.com

Vibratory Finishing Machine CM Series

Ceramed offers Bowl model vibratory finishing machines in two basic (CM and CN Series) designs in seven standard sizes to meet unique applications of various customers. CN series machines have an additional advantage of unloading the components automatically after process by actuating a pneumatically operated separation system. The screen used in the separation mechanism can be changed/replaced without any special caliber or any special tools. Main Features: Heavy duty flange type vibratory motor with adjustable amplitude for fast and effective process; Hot poured polyurethane lining with 12-16 mm average thickness and the hardness approximately 75-80 shore A for long life; The solid raw materials and quality standard procedure of fabrication ensures withstanding consistent vibratory forces for many years; The bowls are duly stress relieved and sand blasted during manufacturing to increase the life as well as aesthetic quality for long life; Springs are specially designed to withstand heavy load, and are located in such a manner which facilitates an even spiral and rotary motion of the component and media in the bowl; All electrical switchgear items including enclosure are of reputed make and all types of safety switches are provided in the control panel; The entire machine is located on Anti-vibration pads, due to which, the vibration will not get transferred to the ground; Motor bolts are of high tensile and all other fasteners are either High Tensile/stainless steel.



Contact:

Ceramed Engineers Limited
No: B 67& 68, III Stage, Peenya Industrial Estate
Bengaluru, Karnataka 560 058
☎ 080 – 2836 0924 / 2836 3040 • Mob: 91645 04222
E-mail: info@ceramedengineers.com

Forming Grade Cold Heading Wires

Rama Enterprises offers Forming Grade Cold Heading Wires dia from 1.60 mm – 16.00 mm. Grade: 201, 204Cu, 304/304L, 302 CHQ, 304HC, 304Cu2, XM-7, 410; Finish: Soap Drawn, Skin Pass, Soft Bright Annealed, Solution Annealed. Application: Fasteners, Nuts, Bolts, Screws, Rivets, Studs, Pins, Balls, Automotive and Building products.

Contact:

Rama Enterprises
Survey No: 48/1, 48/2, 48/3a, 3b, 49/1, 55/1a, Village Honad
Tehsil Khalapur, Dist: Raigad, Maharashtra
Mob: 73910 93654 / 73910 93656
E-mail: sales@ramaenterprises.net

SPARK PICO Hydro Power Generator

SPARK PICO Hydro Power Generator, manufactured by Kirloskar Brothers Limited (KBL), is a portable, low-cost renewable energy system. It generates 0.5 kW to 5 kW of single-phase electricity by using a pump in reverse mode as a turbine, making it ideal for off-grid homes, remote hamlets, and small businesses. Key Specifications and Features: Power Output: 0.5 kW to 5 kW; Voltage and Frequency: 230 V and 50 Hz; Operation: Uses the hydraulic energy of free-flowing water in streams or rivers to drive a micro-hydro turbine. Design: Utilizes a standard pump operating in reverse, which dramatically reduces costs and ensures easy availability of spare parts. Features and Benefits: Low maintenance; Easy Installation; Portable Power Supply System; Compact Design; Standard Spare Parts; Zero Operating Cost; Easy Mobility; Industry 4.0; Remote Monitoring System. Cost-Efficient: It provides a reliable, short-delivery, and affordable alternative to solar grids in hilly and remote areas. Easy Installation: The compact, mobile design ensures easy mobility and straight forward setup. Applications: Remote Tourist Locations, Remote Defence Camp, Off-the-grid Power System, Small Hydro Power Plant, Rural Illumination, Water Treatment Plant (WTP) and Sewage Treatment Plant (STP).

Contact:

Kirloskar Brothers Limited

Yamuna, S No: 98 (3 to 7), Baner, Pune, Maharashtra 411 045

☎ 020 – 2721 4444 • E-mail: marketing@kbl.co.in



FRP/GFRP Rebar

Plurimo Pultrusion & Composite Pvt Ltd Supplies FRP/GFRP Rebar. FRP (Fiberglass Reinforced Polymer) Rebar is a spiral wrapped structural reinforcing rod made from a combination of fiberglass roving and resin. FRP Rebar has been developed as a non-corrosive alternative to steel in concrete reinforcement and is suitable for any structural or architectural application where a material that is corrosion resistant, lightweight or non-conductive is required. Features: Lightweight/High Strength; High Impact Strength; Great Flexural Strength; Non-Corrosive; Unsusceptible to Chemical; Electrically Non-Conductive; Low Water Absorption. The Company specializes in the design, engineering, production, assembly, and installation of high-quality Glass Fiber Reinforced Polymer (GFRP) composite products and profiles.



Contact:

Plurimo Pultrusion & Composite Pvt Ltd

**Survey No: 81, Ashwika-III, Nr: Arvind Mega Park
Chacharwadi, Vasna, Ahmedabad, Gujarat 382 213
Mob: 95100 22123 • E-mail: info@plurimo.co.in**

High Precision Thickness Gauge ITI-1600

India Tools & Instruments Co offers High Precision Thickness Gauge ITI-1600. Ultrasonic Thickness Gauges are designed to improve safety and ensure reliability of material subject to corrosion or erosion. Corrosion gauges with their dual-element transducers are the primary inspection tool used to measure the remaining walls of components such as pipelines, pressure vessels, storage tanks, and numerous other applications. Precision gauges use single-element transducers to provide the thinnest range and highest degree of accuracy possible. Common applications include metals and a variety of non-metals (i.e. glass, ceramic, plastic, etc.). Specifications – Measuring Range: 0.65 mm - 400 mm (up to 500 mm) (in steel); Sound Velocity: 1000~9999 m/s; Resolution: 0.01 mm / 0.1 mm or 0.001 / 0.01" selectable; Units: mm/inch (selectable); Memory: Up to 2000 Groups (up to 99 Values for each file); Accuracy: $\pm$ (0.5% Thickness +0.04) mm; Alarm: Preset upper and lower limit; Work Voltage: 3 V (2 AA alkaline batteries); Work mode: Single point and scan; Dimensions: 136 x 72 x 20 mm; Weight: 177 g; Display: 3.5 digit LCD with EL backlight; Continuous working period: 280 hours (with EL backlight off). This instrument is supplied with Main unit, two test probes, Data Cable, Software, Coupling oil, Battery, Operation Manual, Carrying case, and Calibration Certificate Traceable to NPL-Delhi.



Contact:

India Tools & Instruments Co

12/18 Tawa Lane, Off Abdul Rehman Street, Unity House

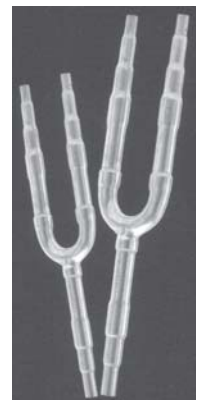
1st Floor, Office No: 7, P B No: 3264, Mumbai 400 003

☎ 022 – 2342 8862 • Mob: 98193 45050

E-mail: ojus_itico@hotmail.com

Next-Gen VRF Refrigerant Branch Piping Kits & Copper Assemblies

Built on 15+ years of industry experience, 227 Enterprise Pvt Ltd is a trusted global brand for VRF Copper Joints and Copper Components. The Company's expertise lies in crafting high-precision Branch Piping Kits, Copper Y-Joints, Copper Assemblies, and Copper Components designed for the HVAC & R industry. The Company's solutions are trusted by OEMs, HVAC contractors, MEP consultants, and professional installers worldwide.



Contact:

22/7 Enterprise

Block D, 1126 Swati Clover, Shilaj Circle

S P Ring Road, Thaltej, Ahmedabad, Gujarat 380 054

Mob: 99090 67820 • E-mail: sales@227enterprise.com

Simulation of Rail Components and Wheels Using Simufact Forming Software Solution

Kadkraft distributes Simufact Forming Software, which is used for Simulation of Rail Components and Wheels such as wheels, axles, couplers, and forged structural parts operate under high loads and demanding service conditions. Ensuring their quality, durability, and dimensional accuracy is critical for safe railway operations. Traditional manufacturing process development often involves multiple physical trials, leading to increased costs and longer development cycles. Simufact Forming addresses these challenges by providing a virtual environment to simulate and optimize metal forming processes before production. Simufact Forming is a finite element (FE)-based simulation software used for analyzing forging, rolling, ring rolling, and heat treatment processes. It enables manufacturers to predict material behavior, optimize process parameters, and improve product quality while reducing development time and costs.

Application in Railway Wheel Manufacturing: Railway wheels are typically produced through hot forming and rolling operations. During manufacturing, steel billets are heated and subjected to multiple forming stages to achieve the required wheel geometry and mechanical properties. Using Simufact Forming, engineers can simulate the entire wheel manufacturing process and evaluate: Material flow during forming and rolling; Temperature distribution throughout the process; Stress and strain development; Forming forces and tool loads; Potential defects such as laps, folds, cracks, and under fills. The simulation helps optimize process parameters such as billet dimensions, rolling speed, and forming temperature, ensuring that the final wheel meets performance and dimensional requirements.

Simulation of Rail Components. Apart from wheels, many railway components are manufactured through forging processes. These include couplers, axle parts, suspension components, brackets, and structural elements. Simufact Forming enables engineers to analyze: Metal flow during forging; Die filling behavior; Forging load requirements; Flash formation and trimming; Tool stresses and wear; Defect formation risks. The software allows manufacturers to optimize die design and process sequences, improving production efficiency and reducing manufacturing issues.

For ring-shaped railway components such as bearing races and wheel-related assemblies, Simufact Forming's ring rolling module can predict dimensional changes, wall thickness variation, and temperature evolution, ensuring accurate final geometry.

Process and Material Optimization: One of the key advantages of Simufact Forming is its ability to evaluate multiple manufacturing scenarios without conducting physical trials. Engineers can modify process variables such as: Billet size and shape; Tool geometry; Forming speed; Lubrication conditions; Heating and cooling parameters. The software also supports thermo-mechanical analysis, helping engineers understand how temperature and deformation influence material properties. This is particularly important for railway wheels, where microstructure and residual stresses significantly affect fatigue life and wear resistance.

Benefits of Simufact Forming: Reduced Development

Time; Virtual process validation reduces the need for trial-and-error experimentation, accelerating product and process development; Lower Manufacturing Costs; Simulation minimizes scrap, tooling modifications, and production trials, resulting in significant cost savings. Improved Product Quality. Potential defects can be identified and corrected before production, leading to higher-quality rail components and wheels. Enhanced Process Reliability: Engineers can establish optimized process windows that ensure consistent manufacturing performance. Optimized Tool Design: Tool loads and wear patterns can be predicted, helping extend die life and reduce maintenance costs. Better Material Utilization: Accurate simulation of material flow helps reduce waste and improve raw material efficiency. Increased Safety and Performance: By ensuring defect-free production and controlled material properties, simulation contributes to safer and more reliable railway components.

Conclusion: Simufact Forming is a powerful simulation platform for the design and optimization of railway wheel and component manufacturing processes. By accurately predicting material flow, temperature distribution, stresses, and potential defects, it enables manufacturers to improve product quality while reducing development time and costs. The ability to optimize forging and rolling operations in a virtual environment makes Simufact Forming an essential tool for modern railway manufacturing, supporting higher productivity, reliability, and operational safety.

Contact:

Kadkraft Systems Pvt Ltd
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E-mail: raman.gupta@kadkraft.com

Thermal Break Profiles & AHU Accessories

Technocab HVAC Solutions Pvt Ltd offers Thermal Break Profiles & AHU Accessories such as Thermal Break Profiles for 25 mm Panel; Screw less thermal Break Profiles for 50 mm Panel; Thermal Break Profiles for 25/43 mm Panel, for 45 mm Panel, got 50 mm Panel; Non-Thermal Break Profiles for 25 mm Panel, and 45 mm Panel; New Non Thermal Break Profiles for 25 mm, 45 mm Panels; Aluminium Motor Base Profile and Accessories; AHU and Door Accessories; Nylon Strip, Damper Profile and Accessories; Clean Room Accessories; Flexible Duct Connector/Fabric; etc.



Contact:

Technocab HVAC Solutions Pvt Ltd
Silver Streak, Plot No: 64-A, Sector-19
Koparkhairane, Navi Mumbai 400 709
☎ 022 – 2754 4895 • Mob: 98194 42292 / 98194 42291
E-mail: sales@tse.net.in

Temperature and Process Controllers, Timers, Scanners

Elmec Heaters & Controllers offers Temperature and Process Controllers, Timers, Scanners. Elmec offers a wide range of high quality Digital Temperature and Process Controllers, Timers, Scanners and Jumbo Display units. The Controllers are designed for High Visibility in all working conditions. Controllers can be used with all types of Thermocouples and RTDs.



Contact:

Elmec Heaters & Controllers
MS/1, SIDCO Industrial Estate
Guindy, Chennai 600 032
☎ 044 – 2250 1714 • Mob: 90804 01926 / 93831 23566
E-mail: sales@elmecheaters.com

Seamless Bright Annealed/Instrumentation Tubes

Scoda Tubes Ltd manufactures stainless steel tubes, pipes, and U-tubes. The products range includes: SS Seamless Heat Exchanger Tubes, Heat Exchanger U-Tubes, Seamless Hydraulic Tubes, Seamless Instrumentation Tubes, Bright Annealed Tubes, Electropolished Tubes, Corrugated Tubes, Finned Tubes, Seamless Process Pipes, Welded Heat Exchanger Tubes, Welded Process Pipes, etc. Specifications of Instrumentation Tubes – OD: 6.00 mm to 50.80 mm; THK: 0.80 mm to 6.00 mm; Length: Up to 18 m.



Contact:

Scoda Tubes Limited
Survey No: 2442, 2443, 2446, Village Rajpur
Tal: Kadi, Dist: Mehsana, Gujarat 382 715
☎ 02764 – 278 278
E-mail: sales@scodatubes.com

Speciality Tools & Equipment

Gokul Traders offer a wide range of specialty tools and equipment that meet requirement of demanding work. All these equipments, instruments and product are procured from leading manufacturers and are calibrated in standard laboratories, trusted for high precision for years together by the customers the world over.

Contact:

Gokul Traders
983 Raviwar Peth, Laxmi Road
Pune, Maharashtra 411 002
Mob: 79729 69901 / 74105 24141
E-mail: info@gokultraders.com

Mass Flow Meters & Controllers

Bronkhorst Instrumentation India Pvt Ltd offers Mass Flow Meters and Controllers for gas applications with an electronic housing suitable for laboratory conditions, industrial environments or hazardous areas. Bronkhorst instruments for gases are truly unique in their capability to control flow ranges between 0.07 ml/min and 0.11,000 m³/hr with pressure rating ranging between vacuum and 700 bar. The operation of mass flow instruments is based on the proven mass flow measurement principle (by-pass or thru flow). For small gas flow rates the company can supply the Coriolis principle. For OEM customers Bronkhorst provides customised solutions on compact, multifunctional manifolds. Features: Fast and accurate measuring signal; Analog and digital (fieldbus) communication; Insensitive to mounting position; Customer specific designs available on request; IP65 housing with optional Ex-protection; Pressure ranges up to 700 bar; Optional Ex-protected (ATEX, IECEx, TIIS, KCs or FM).



Contact:

Bronkhorst Instrumentation India Pvt Ltd
211-216 City Space, Nagar Road
Viman Nagar, Pune, Maharashtra 411 014
Mob: 89567 94004 • E-mail: sales@bronkhorst.in

Paperless Recorder NI-PLR

Nippon India's NI-PLR is a 7-inch color screen paperless recorder, operated with touch screen conveniently. It isolated measure current signal, voltage signal, and thermocouple or RTD sensor directly on every single channel. With ARM Cortex MCU and 24 bit AD convertor integrated in every measurement module, it measure various signal precisely. With arm CPU Integrated in display panel, it can easily connect to host side through various communication interfaces. NI-PLR does display channel data in many forms, such as number, Histogram, Time Line, Alarm List, etc. In general, NI-PLR sample channel data, preserve or transform it, then display it, finally record it periodically. Applications: Environmental Protection, Science and Education, Automation industry, Chemicals and Pharma industry, R&D Laboratory, etc.

Contact:

Nippon India
237/8 Sonal Link Ind Estate, Building No: 2
Link Road, Malad (West), Mumbai 400 064
☎ 022 – 4062 0000 • E-mail: sales@nipponindia.com



Smart Temperature Transmitter BE-DRT-101P

British Electricals offers Smart Temperature Transmitter BE-DRT-101. Its General Features: Universal Input signal – Thermocouple, RTD, Resistor, Potentiometer, millivolt; Programmable output 0/4-20 mA or 0-10 V DC; Input configurable via PC software; Built-in cold junction compensation; High accuracy of 0.1% FS; USB cable for configuration can draw power from PC directly; No external power required for programming; Surge protection and reverse connection protection. General Specifications – Cold end junction compensate range: -20°C-55°C; Load Resistance: $RL \leq (U_e - 12) / 0.021$; Over range alarm value: Programmable; Input break output current value: Programmable; Power Supply: 24 V DC (18-36 V DC); Accuracy (ambient 20°C): 0.1% FS; Temperature drift: 0.01% FS/°C; Response Time: 1 ms to 90% of maximum output; IP/OP Isolation strength: 1500 V AC/1 min; IP/OP impedance: $\leq 100 M\Omega$; EMC Standard: IEC 61326-1; Working Temperature: -40°C ~ +80°C; Mounting: DIN Rail.



Contact:

British Electricals

237/8 Sonal Link Ind Estate, Building No: 2

Link Road, Malad (West), Mumbai 400 064

☎ 022 – 4062 0000 • E-mail: sales@britishelectricals.com

Ultrasonic Level Transmitter: SAP-Sonic

Sapcon Instruments Pvt Ltd offers Ultrasonic Level Transmitter: SAP-Sonic. Features: Process connection: Screwed or flange; Range: Standard transmitter: Liquid (0.3 to 5 m/10 m/15 m); Process temperature: -20 ~ 60 °C; Protection: IP66; Output: (4~20) mA DC / HART (24 V DC two-wire/four-wire System) (4~20 mA) 220 V AC four-wire system. The Company also supplies Chlorine Analyzers, pH meters and Turbidity Meters. Sapcon is a debt-free organization with third generation vendors and team members bringing rich technical experience. The Company caters to industry like Chemical; Steel Foundry and Metallurgy; Effluent Treatment, Water Treatment and Water Supply; Cement; Thermal Power and Material Handling; Grain Handling and Rice Milling; Pharmaceutical; Brewery and Distilleries; Petrochemical and Natural Gases; Man-made Fiber; Poultry, Cattle Feed and Fisheries; FMCG and Personal Care: Edible Oil; Packing Plants; Food and Dairies, etc.



Contact:

Sapcon Instruments Pvt Ltd

131 Palshikar Colony, Indore, M P 452 007

☎ 0731 – 485 5999 • E-mail: sales@sapcon.in

Marley Mobile HVLS Fan

Marley Enterprises Private Limited offers World Class Mobile HVLS Fans. These fans are designed where ceiling fans use is limited. This fan creates horizontal air circulation up to 60-80 ft.

Features:

Model MMHF 150; Voltage: 220 V – 1 Phase; Frequency: 50 Hz; Motor Power: 600 Watt; Motor Type: PMSM 100% Copper; Fan blade type: 3 blades; Speed: 200-440 (RPM); Machine Size: 168 x 79 x 151 (H x W x D) cm; Air Volume: 38000 (m³/h); Net Weight: 60 kg; Fan body material: Polypropylene (PP).



Applications: Manufacturing Units, Warehouses, Shopping Malls, Supermarkets, Food Courts, Academic Institutions, Religious Institutions, Community Halls, Interstate Bus Terminals, Railway Terminals, Airport Terminals, Cow Sheds, etc. Also offers Geared HVLS fans, PMSM HVLS fans, Pole Mounted HVLS fans. Marley Lite HVLS fans, Industrial Exhaust fans, etc.

Contact:

Marley Enterprises Private Limited

H No: 5-5-81/7/A, Plot No: 20/NR, First Floor, Swapna

Nilayam, Prakash Nagar, High Tension Road, Kukatpally

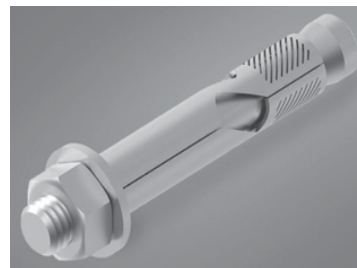
Medchal Malkagiri, Hyderabad, Telangana 500 072

Mob: 90300 34982 / 99122 20222

E-mail: sales1@marleyfans.in

Expansion Bolts

Pee Vee Enterprises offers Expansion Bolt. The features are: these expansion bolts offer an apt choice for a variety of fastening applications; made in precise dimensions, with the best raw materials, and manufactured in compliance with industry standards, free from defects. The company is a manufacturer, wholesaler, and trader focused on customer satisfaction with an extensive range of industrial fasteners with over three decades in the industry. The products range includes: power coil thread repair kit tools, helicoil thread repairing, and thread repairing inserts.



Contact:

Pee Vee Enterprises

27 Pipal Mahadev Gali, Pipal Mahadev, Manohar Market

Hauz Qazi, Chandni Chowk, Delhi 110 006

Mob: 98111 50326 / 98732 50326

E-mail: pvent11@rediffmail.com

Industrial Switchgear & Automation Products

Dodia Electricals, established in 1977 is a distinguished solution provider of Industrial Switchgear and Automation that believes in providing highly efficient and premium



quality services to all their clients. The Company has consistently been developing and implementing new ideas and processes in order to provide the best quality products and services. We cater to both wholesale as well as retail distribution of Industrial Switchgear and Automation products along with integrated systems for automation products. Products range includes: Temperature Controllers, Process Control Instruments, Programmable Timers, Programmable Counters, Power and Energy Meters, Star Delta/On Delay Timer, Customized OEM Solution, Digital Timers, Digital Counters, Panel Meters, etc.

Contact:

Dodia Electricals

9/11 Picket Road, Tak Wadi, Lohar Chawl
Kalbadevi, Mumbai 400 002

Mob: 98338 24773 • E-mail: sales@dodiaelectricals.com

Milling Applications

Schunk Intec India Pvt Ltd offers a wide range of milling applications. The features are: It is extremely high holding forces for machining on machining centers; magnos from Schunk offers extremely high holding forces for milling applications with very high machining parameters. Magnos mfrs magnetic chucks with square poles are especially suited for the deformation-free clamping in general milling applications; 5-sided workpiece machining with pole extensions. Very high holding forces for milling machining. Deformation-free and low-vibration clamping. Only single power supply needed for MAG/DEMAG. Secure and fast clamping of the work pieces. The company is engaged in products distribution and supply of industrial automation systems, automation work holding, tool holding, heat shrink tool holder, etc.



Contact:

Schunk Intec India Pvt Ltd

80 A-3, APMC Yard, Yesvantpur Industrial Suburb
Yeswanthpur, Bengaluru, Karnataka 560 022

☎ 080 – 4053 8999 • E-mail: info@in.schunk.com

Metal to Metal Ball Valves (DN ½"-12")

Velex Flow Control supplies Metal to Metal Ball Valves (DN ½"-12"). Features: Full Bore or Reduce Bore; Carbon steel and Stainless Steel; Design and manufacture: API 6D / BS EN ISO 17292; Valve Face to Face Dimension: ASME B 16.10 / API 6D; Flange Std: ASME# B 16.5 150 #, 300 #, 600#, 900#, 1500#, 2500#; Inspection and Testing: API 6FA / ISO 5208; Top Bracket: ISO 5211 Direct



Mount; Fire Safe: API 6FA / API 607; End Connections: TC End, Screw End, Butt weld, Socket weld; Duple Stainless Steel (2205, 2507), Inconel (625, 718), Super Duplex, Titanium (Grade 2, Grade 5), Alloy 20, Nickel 200 200/201. Key Advantages: Withstand high temp. (up to -600 -700°C depending on design); Handle abrasive/erosive fluids; Suitable for steam and high-pressure service; Good resistance to corrosion and wear; Better durability in dirty service. Common coatings include: HVOF Tungsten carbide, Chrome carbide, Stellite, Nickel-based alloys. Typical Applications: High Temperature Service: Superheated steam, Thermal Oil lines, Furnace gas/Hot gas, Refinery heater outlets; Abrasive/Slurry Service: Mining slurry, Catalyst transfer, Fly ash, Lime and cement slurry, Sand-laden fluids; Chemical and Petrochemical Plants: Polymer lines, Resin transfer, Hydrocarbon streams, Automatics service; Oil and Gas Industry: Production separators, Sand-containing crude, HPHT service (High Pressure High Temperature), Desander systems; Power and Energy Plants: Boiler systems, Steam distribution, Turbine lines, and Ash handling.

Contact:

Velex Flow Control

5/B Krishna Gopal Estate, Old Forge and Blower Compound
Opp: SBI Bank, Memco, Ahmedabad, Gujarat 380 025

Mob: 89050 90143 / 82003 23028

E-mail: rahul@velexflowcontrol.com

Abrasion Resistant Steel

Sandeep Edgetech Limited (formerly Sandeep Enterprises) offers Abrasion Resistant Steel. Its high resistance to abrasive wear and impact makes it ideal where long service life required. Application: Mining and earthmoving machinery; Buckets, knives and grapples; Damper bodies and on road tippers; Refuse haulers and scrap containers; Screeners Crushing and pulverizing equipment; Scrap presses; Cement drum mixer barrels; Feeders, skips and screw conveyors; Conveyor belt; Slurry pipe systems.



Contact:

Sandeep Enterprises

C-5 Phase-1, Ashok Vihar, New Delhi 110 052

☎ 011 – 4336 0000 • E-mail: info@sandeepenterprises.com

Electrical Panels

Bajaj Steel Industries is a major manufacturer and exporter of cotton ginning machinery with an aim to deliver services and products up to optimum standards and thereby satisfying customer's needs in the domestic as well as global market. BSIL, an ISO certified company, has been supplying electrical panels along with its cotton ginning machinery since its inception. Its major products are PCC panel (*Pix*), MCC panels, AMF panels, APFC panels, Bajaj field panels, VFD panels, PLC panels, synchronization panels, NGR panels, etc. Upstream power control and protection panels for industries, plants, heavy machinery, automotive industries, etc. Designed after thorough analysis of client's requirement and field conditions ensuring accuracy and reliability; Robust structure; Superior quality products used for control and power distribution; and Fitted with digitally controlled system making operation easy.

Contact:

Bajaj Steel Industries Limited
C-108, MIDC Industrial Area, Hingna
Nagpur, Maharashtra 440028
☎ 07104 – 238 101 • Mob: 93251 32311
E-mail: bsi@bajajngp.com



Single Inlet Centrifugal Blower

Eyyani Electric Machines Pvt Ltd manufactures a wide range of Industrial Single Inlet Blowers – 120 x 30 to 280 x 115 mm CMH-140 to 2900. Areas of Applications: Plastic Extrusion Machines; Forced Cooling; Gas Burners; Re-pro Graphite Printing; Xenon Lamps. Eyyani is a professional manufacturer of External Rotor Fans, Axial Fans, Centrifugal Fans, Single and Double Inlet Centrifugal Blowers, DC and EC Fans, Industrial fan factory is specializing in the production of integrated products since 2004, holds ISO 9001: 2015, RoHS and CE Certifications. The Company designs and manufactures high-performance blowers for diverse industries, prioritizing quality and customer satisfaction. Eyyani's single and three-phase motors comply with CE certification standards.

Contact:

Eyyani Electric Machines Pvt Ltd
Bengaluru, Karnataka
☎ 080 – 2836 4923
Mob: 87628 01242 / 97318 37615 I
E-mail: sales@eyyani.com/eyyanielectric@gmail.com



Solenoid Valve Connectors

M.Con Connectors manufactures Solenoid Valve Connectors conforming to DIN 43650 Standards. These Connectors are designed to provide easy and reliable quick disconnect options for many valve applications. The Versatile design allows for easy installation whether it is for a new industrial application or maintenance and repair. These quality solenoid valve connectors are available in field wire able models. M.Con also offers connectors with a wide range of circuitry, including



MOVs, Diodes, and Rectifiers, etc. M.Con DIN Connectors' applications include: Machine Building; Assembly with Hydraulic system; Pneumatics System Integration; Material



Handling equipment; Industrial Process Automations; Transportation; Electromagnetic devices and Sensors.

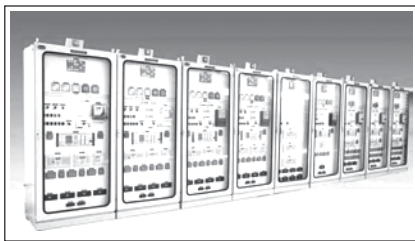
Contact:

M.Con Connectors
Unit No: 212 & 216, A-Wing, Jai Estate
Opp: SBI Bank, MIDC Phase-1, Dombivli
Dist: Thane, Maharashtra 421 203
Mob: 72085 03012, 99303 94422
E-mail: sales@mcon.co.in

**Subscribe to
Industrial Products Source
at ₹550/- for 2-year.**

Control & Relay Panels

Excel Power Switchgear Pvt Ltd offers a wide range of control and relay panels - Model: CRP- 11/33/66/132/230 kV. The Company is engaged in manufacture and supply of metering, control and protective relay panels, annunciator panels and mimic control panels for transmission and distribution systems for industrial, utility and power station applications up to system voltage 230 kV. Its features include: best engineering design; sleek and excellent aesthetics of panels; simplex/duplex design; transparent glasses on front door for easy viewing; unitized construction; special profile gasket used for dust protection; suitable for top or bottom cable entry; reference standard IS 8623/IEC 61439; compatible to IEC 61850 system. The company is also engaged in R&D, production, and manufacturing of low and medium voltage switchgear quality products.



Contact:

Excel Power Switchgear Pvt Ltd

No: 39, Achuthan Nagar, First Cross Street

Poonamalli Road, Ekkaduthangal, Chennai 600 032

☎ 044 – 2225 4870

E-mail: sales@excelpower.co.in

Haadi Solar Street Light

Haadi Enterprises offers a wide range of Solar Street Lights. The features are: it is high quality yet budget friendly solar street lights designed for street lighting applications; available in: 10 W, 15 W, 20 W, 30 W, 40 W and up to 60 W; latest lithium-ion battery technology; battery life: 7 years; theft proof; water-proof battery enclosure; auto on/off; maintenance-free; easy installation; modular plug and play design. The company is a leading manufacturer, trader, and supplier of solar equipment, water heaters, hot water systems, and many more. In order to fulfil the ever changing demands of clients, the company supplies a quality range of solar products. It has a team of professionals with advanced machinery engaged in manufacturing superior quality products.



Contact:

Haadi Enterprises

5 Adi Kabir Ashram Main Road, Thimaiah Garden

R T Nagar, Bengaluru, Karnataka 560 032

Mob: 98451 58011, 96206 38110

E-mail: haadienterprises1109@gmail.com

PPR-C Pipes & Fittings

SHK Polymers Industries supplies PPR-C Pipes and Fittings. Its features: Wide operating temperature range: (-8) to 95 Degree Celsius; Lighter in weight; Longer Service Life; No Leakage Chances; Clean Water/Liquid Food Supply (CFTRI Approval); Very low Thermal Conductivity; Anti-Corrosive; UV Stabilized Outermost Layer; Negligible Heat Loss. Applications: Hot/Cold Water Supply; Chemical Plants; Cooling Towers; Chillers/Radiant Heating and Cooling/Data Center Cooling/AHU's/Condenser; Pharmaceutical Industries; Effluent/Water Treatment Plants; RO Drinking Water Plant; Solar Water Heater; Hotels, Hospitals and Commercial Malls; Compressed Air Supply; Vacuum Air/Nitrogen Air Supply. SHK Polymers is an ISO-9001-2015 Certified and is on one of the leading thermo processing and manufacturing companies. Products range includes:



Contact:

SHK Polymers Industries

Harikrishna House, Plot No: 139/1, Phase-I, Opp: Patel Alloy

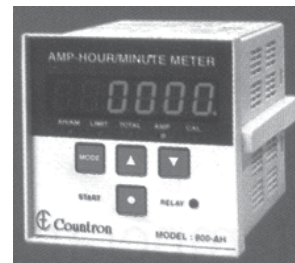
Steel Ltd, GIDC, Vatva, Ahmedabad, Gujarat 382 445

☎ 079 – 2589 2630 • Mob: 97243 23586

E-mail: info@shreeharikrishna.net

Programmable Ampere-Hour Meter

Countronics, an ISO 9001: 2000 certified company, offers Model 800AH Ampere-hour Meter, which is a micro-controller based precision product designed to integrate and display DC current flowing with respect to time. It becomes a measure of the total current energy. A preset limit of this integrated current can be pre-programmed and when the limit is reached, a relay is switched On to trigger an alarm. For different ranges, the shunt resistance is user programmable up to 9999 A at 75 mV. In addition, an internal limit of 10.5 V is preset so that a 12 V battery can be tested for its A-H. As soon as the 12 V battery discharges to a voltage below 10.5 V the Amp-hour Meter stops automatically. It can be used for Amp-Min also. This instrument reads current and integrated current up to 999999 A. Resolution of 0.1 A-H and 0.1 A-Min is also available. The 96 x 96 mm light weight ABS cabinet with front panel membrane switches and bright 7-segment LED displays makes it attractive and rugged.



Contact:

Countronics

3/1/29 Sahibabad Indl Area, Site-IV, Ghaziabad, U P 201 010

Mob: 098105 36887 / 098183 50088

E-mail: countronindia@gmail.com

Primary Injection Kit

The Sivananda Primary Injection Kit can be used test Current Transformers, Relays, MCBs, etc. This test kit performs one of the most important tests – the injection of a known predetermined current from the kit helps check if the MCB /Circuit under load will trip. Because of the timer present in its Primary Injection Kit, relays can be tested to their full extent of operation times. The aim of the test is to determine how the system performs under different degrees of current load. Through inserting current into the device, one could determine whether the breaker will trip or fail, as well as how long the current will reside until the circuit is broken. Features – Compact Size; Easy to Transport; Rugged Design; Longer Duty Cycles, etc.



Contact:

Sivananda Electronics

Deepak Mahal, Lam Road, Deolali

Nashik, Maharashtra 422 401

☎ 0253 – 249 1423 • Mob: 98905 14777

E-mail: mkb@sivanandaelectronics.com

Straight Tubes

Kanak Pipe Industries Private Limited (KPIPL) is a leading manufacturer of Copper and Copper Alloy Semis products. The Company employs state-of-the-art technology to produce a wide range of copper and copper alloy products. The major products include Copper Tubes for HVAC, Medical gas, Brass Tubes for general engineering applications and Condenser tubes in Copper, Nickel, Admiralty and Aluminium brasses. These products, made of copper and its alloys, offer excellent corrosion resistance. The Company supplies Rajlaxmi Brand Straight Tubes. Technical Specifications: Size – OD: 4.76 mm to 159 mm, WT: 0.35 mm to 5.0 mm; Length: 3.05 m, 5.80 m, 6.0 m; Application: Refrigeration, Air Conditioning, Plumbing, Heat Exchangers and Medical gas; Chemical Composition: Cu 99.9 (Min) P 0.015-0040; Temper Half Hard/Hard. Packaging: End Capped / Plugged.



Contact:

Kanak Pipe Industries Private Limited

No: 6, Prasad Chambers, Ground Floor, Tata Road No: 2

Opera House, Girgaon, Mumbai 400 004

☎ 022 – 6615 9051 • Mob: 74870 26582

Flanged End Butterfly Valve

Flowjet Valves offers Flanged End Butterfly Valve, which is one of the few valves with a small and lightweight construction, and is used for a wide range of applications. Its Features: the choice of seat, lining, and disc options has increased significantly over recent years, making the valve a popular choice; a wide range of materials, sizes, and pressure ratings gives reliable positive isolation and moderate flow control capability over a wide range of applications throughout the industry. The company has been in business for two decades and has expanded to cater to the whole Indian market as well as the international market. It has achieved to become the most trustworthy and well-known brand in the sector. Flowjet's manufacturing range includes ball valve, globe valve, gate valve, check valve, and all types of industrial valves.



Contact:

Flowjet Valves Private Limited

Plot No: 519, Road No: 14, Phase II, Kathwada GIDC

Odhav Industrial Estate, Odhav

Ahmedabad, Gujarat 382 430

Mob: 99786 08334 • E-mail: info@flowjetvalve.com

Submersible Pump Flat Cables

Jainson Cables India Pvt Ltd offers Submersible Pump Flat Cables. Features: Conforming to IS: 694: 2010; German plant and machinery; Quality backed by more than 45 years' experience; Excellent resistance to moisture, abrasion, grease, oil; 100% EC Grade Copper; Longer Flex Life; Excellent mechanical and electrical properties; Temperature range: -15 to +70. Applications: Agriculture Irrigation; Building and Construction; Drinking Water Supply; Fire Fighting; Machinery Solution; Mine Dewatering; Sewage treatment Plant; and Sea Water Handling.



Contact:

Jainson Cables India Pvt Ltd

Survey No: 16, Plot No: 16 A&B, Ahmedabad

Mehsana Highway, Chandarda, Tal: Kadi

Dist: Mehsana, Gujarat 382 705

☎ 02764 – 267 700 / 267 701 • Mob: 90999 06186

E-mail: sales@jainsoncables.com

RF Capacitance Level Sensor

Levtron Instruments manufactures RF Capacitance Level Sensors. RF Capacitance is formed between the level sensing probe and metallic wall of the vessel which act as two electrodes, and the application media acts as a dielectric medium when the sensor is introduced into the vessel. These electrodes are separated by an insulator by suitable media like solid and liquid known as a dielectric medium. The dielectric is the main factor in the capacitance principle as its value will be influenced by temperature and moisture content of operating material. These factors should be taken into account while designing the probe. When the level of process material rises, the value of dielectric changes, which results in change in the value of capacitance between the level sensing probe and the vessel wall. This change can be detected and measured by the Radio Frequency technique. These RF signals are interpreted by the evaluation unit and it converts these signals into a relay output signals. RF current flowing in the capacitor helps the electronics detect the presence of application media. The design of the probe comprises a sensing rod and grounding part, typically made of stainless steel to resist stains and corrosion while providing robust support. The probe design can vary based on tank type and application media: Metallic Tank: Acts as a ground, requiring only the sensor rod without additional grounding. Non-metallic Tank: Requires a reference probe for proper grounding, achievable through various arrangements: Probe Design Capacitance Principle: Utilizes a capacitance-based level sensor. Twin Probe: Provides grounding for materials with low permittivity, utilizing both reference and sense rods. Still Well: Ensures grounding for low-dielectric media and creates turbulence over the sense rod.



Contact:

Levtron Instruments Pvt Ltd

Office No: 02, 1st Floor, Plot No: 6, Sr. No: 78/1, Pandhari

Industrial Estate, Shivane, Pune, Maharashtra 411 023

Mob: 97300 42725 / 95794 30012 • E-mail: sales@levtron.in

Cleanroom Lighting

Lab & Life Instruments Pvt Ltd supplies Cleanroom Lighting such as LED Bottom – Recess – Screwless; LED Top Opening – Recess; LED T Grind – Suspended; LED Bottom Opening – Surface; LED Top Opening – Z Ceiling; LED Top Opening – Flush Type 50 mm.

Contact:

Lab & Life Instruments Pvt Ltd

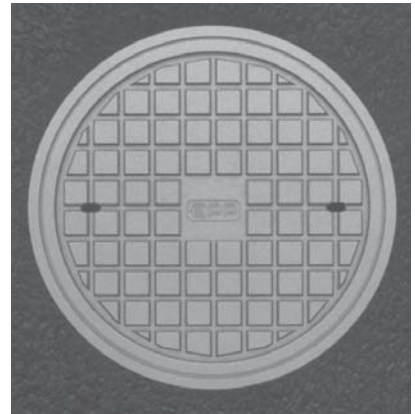
B-158, Balaji Bhavan, Plot 42A, Sector-11

CBD Belapur, Navi Mumbai 400 614

☎ 022 – 2756 0100 / 2756 0300 • E-Mail: sales@labnlife.com

FRP/GRP Manhole Covers

EPP Composites Pvt Ltd supplies FRP/GRP Manhole Covers, which are manufactured using Thermoset composites such as glass fiber and polymeric resin for long-term durability. It is 60% lighter than the traditional precast concrete and cast-iron covers, providing up to 4-5 times more compressive strength; and are thoroughly inspected and tested as per BS EN124: 2015 and AASHTO M306 Standards for drainage and utility services. EPP India covers meet all the requirements of these codes. Applications: Underground Electrical Cabling; Inspection Chamber for Sewers Gas stations/Petrol Pumping Stations; Telecom Cabling; Residential Building; Commercial Building; Coastal Areas; Tree Grates; Trench Covers.



Contact:

EPP Composites Pvt Ltd

Plot No: 2646, Kranti Gate, Main Road

GIDC Metoda, Rajkot, Gujarat 360 021

Mob: 90990 72505 • E-mail: businessdevelopment@epp.co.in

S2 DVMR Digital Voltage Monitoring Relay

The New S2 DVMR from Minilec is a digital voltage monitoring relay. Its features: microprocessor design, SMD Technology, Absolute values of UV/OV, UF, OF, Phase Failure, Phase Sequence, Unbalance, Under voltage, Under Frequency, Over Frequency, Auto Manual Resetting, UV/UV, UF/OF, UB, Trip Delay, Startup Delay Settable, 2 CO Output Relay, Fail Safe and Non Fail Safe. Minilec offers the widest, most extensive and reliable line of Motor and Pump Protection relays, Phase Failure Relays, Microprocessor Based Annunciation and event-monitoring Systems for today's industrial markets worldwide. Minilec has traditionally been the leading producer of phase failure relays and motor protection relays since the late 1960's. Today its products have been recognized as the best in Quality, Delivery and Customer satisfaction.



Contact:

Minilec (India) Pvt Ltd

S No: 1073/1-2-3, At Post: Pirangoot

Pune, Maharashtra 412 111

☎ 020 – 2292 2354 / 6792 0100

E-mail: marketing@minilecgroup.com

Inverter Based MMA/TIG Welding Machine

Warpp Engineers offers Inverter Based MMA/TIG Welding Machine INTIG-IGC Series. It is an IGBT Inverter Based Arc Welding Power Source with soft switching technology. This Series machines are widely used in manual metal arc welding with acid and basic electrodes and for TIG welding of various metals except Al and Mg. Features: Advanced Soft Switching Inverter Technology and high efficiency; Digital display of current with precise preset function; High power factor; High Switching frequency, hence low volume and weight; Adjustable arc force in MMA; 2/4 Track function in TIG; Adjustable down slope function in TIG; Can be used with extended welding cable in MMA. Basic Outfits: Power Source, Remote socket for Torch trigger. Optional Accessories: Water circulation system, TIG Welding Torch, Argon Regulator Flowmeter, Wired Remote Controller. Technical Specifications – Model INTIG 400 IGC- Input Power: 18.4 kVA, Current Range: 20~400 A, Duty Cycle: 60%; Input Supply: 360-440 V 3-phase 50 Hz Supply; Open Circuit Voltage: 75 Volts; Efficiency in full load: 89%; Power Factor: 0.95; Ambient Temperature: 40°C; and Weight is 43 kg.



Contact:

Warpp Engineers Pvt Ltd
Survey No: 36, House No: 15/3, Unique Ind Estate
Dhumal Nagar, Waliv Phata, Vasai (East)
Dist: Palghar, Maharashtra 401 208
Mob: 85518 17744 / 85518 19944
E-mail: salessupport@warpp.co.in

Slitting Machines

Nirmal Overseas Pvt Ltd is in the production and distribution of slitting machines serving various sectors within India. A bold engineering design, coupled with craftsmanship, backed by the most sophisticated technologies makes its slitting machines cutting-edge. CR slitting lines, HR slitting lines, and sturdy steel slitting lines are also available on request. Company's range includes metal slitting line machines, CR slitting line machines for cold-rolled sheets, HR slitting line machines for heavy-duty hot-rolled metals, Nirmal has solutions for every need.



Contact:

Nirmal Overseas Pvt Ltd
Khasra-134-9-2, Village Barhana, Tehsil Beri
Dist: Jhajjar, Haryana 124 107
Mob: 98102 92199 / 98179 75382
E-mail: nirmal@nirmaloverseas.com

Fiber Laser Marking Machine

EVAN-20/30/50/100

Mehta Hitech Industries Ltd supplies Fiber Laser Marking Machine EVAN-20/30/50/100. Its Features: First and last pulse equally useable; Bitmap marking compatible; High repeatability/stability design; Status monitoring and safe shut down; High speed marking (MHZ repetition rate); Long Using time: the average using time more than 100000 hours; Good stability and free maintenance; No need to maintenance for laser advice; High quality gray scale marking. EVAN laser provides a fast, flexible and efficient way to permanently mark a wide variety of materials such as Metals, Plastics, Ceramics, Silicon, etc. Applications: Auto Parts; Hardware; Watch and Clocks; Marking anodize and painted material; Serial Numbers; Manufactures Information; Bar codes; Logos; Packaging; Solar Industry; Medical Device; Marking Metal and Plastics; Data Codes; Materials Flow; 2D Data Matrix; and Graphics. Highlights: High Peak Power; Excellent Beam Quality; Dynamic Pulse Shape Control; Proved Reliability; Maintenance Free Operation.



Contact:

Mehta Hitech Industries Ltd
Plot No: 3, Road No: 1, Kathwada GIDC
Ahmedabad, Gujarat 382 430
Mob: 92279 85746 / 92276 78044
E-mail: mktg@mehtaindia.com

Digital Pressure Gauge

Cosmo Instruments India Pvt Ltd offers High Accuracy Digital Pressure Gauge. The multifunction Digital Pressure Gauge DP-340BA is applicable to a wide range of pressures from a micro pressure (500 Pa) to a high pressure (50 Mpa). It is a digital pressure gauge with a high-accuracy sensor that has excellent overpressure resistance. The pressure gauge has applications in Pressure value display in testing machine; Test pressure monitoring of leak or flow test, etc.; Pressure decay method; Hole diameter and dimension test by pressure deviation; Pressure monitoring inside of tubing or container; Differential pressure test of orifice, pilot tube, etc.



Contact:

Cosmo Instruments India Pvt Ltd
No. 90, MKS Layout, Avalahalli-Kanakapura, Link Road
Anjanapura Post, Bengaluru, Karnataka 560 062
☎ 080 – 3255 9254 • Mob: 97312 32178
E-mail: kamalesh_adhikary@ns.cosmo-k.co.jp

Flow Meters

Nevco Engineers Pvt Ltd offers Flow Meters. Features are: Magflux® flow meters combine high accuracy, stability and low maintenance, without moving parts, straight through flow sensor and self-cleaning electrodes there is virtually never any need for maintenance; there is no influence on the flow rate, and no pressure drop because of the flow sensor; Magflux® flow meters use a tested and approved sensing technology giving linear readings over a large range in closed pressurized pipe systems. Features include: Magflux electromagnetic flow meters deliver extremely stable and accurate flow measurements in pressurized closed pipe systems, thereby decreasing water waste and eliminating non-revenue water loss and the modular design is versatile. MJK's sensors and converters cover a broad range of applications and can be combined to meet specific requirements. The company is engaged in trading, service providing and importing of a broad collection of measuring instruments.

Contact:

Nevco Engineers Pvt Ltd
90-A, 2nd Floor, Amritpuri-B, Main Road,
East of Kailash, Opp: Iskcon Temple, New Delhi 110 065
Mob: 98732 46469 • E-mail: delhi@nevco.co.in



Ultrasonic Flow Meter

BR Instruments & Controls manufacturers of Electromagnetic and Ultrasonic Flow meters, offer Ultrasonic Flow Meter Clamp on Type Handheld Model UFM (H) Series UFM 100. Its Features – Line size: 15-3000 mm; Temperature: 0-120°C; Body Material: Plastic Communication Output: RS232; Display: 16 x 2 Alphanumeric LCD; Power Supply: Rechargeable Battery; Transmitter: Handheld. The Company also designs and manufactures Instrumentation and Automation Control Panels. The Company provides onsite support for Installation and Commissioning of Flow Meters.

Contact:

BR Instrumentation & Control
Gala No: 65, Maha Sainik Industrial Estate, Pot No: T 153/1
MIDC Bhosari, Pune, Maharashtra 411 026
Mob: 77208 68883 / 80870 20061
E-mail: enquiry@instrumentation.co.in



TR-200 (Advance) Surface Roughness Tester

YAMAYO BLISS The TR -200 (Advance) is a high accuracy surface roughness tester. It can test as many as 13 roughness parameters it is equipped with probe position indicator and can be connected with printer via Bluetooth (Code ISRC100-Printer), TR -200 (Advance) can display roughness values, profile and curve, has a maximum memory storage of 100



readings and turns power off automatically. TR -200 can be operated wireless and simultaneously by a mobile phone or computer and can also provide wireless print for more convenience. Technical Parameters – Parameters: Ra, Rz, Ry, Rp, Rm, Rt, R3z, Rmaz, Sk, S, Sm, tp; Range: 160 μ m; Accuracy: $\pm 10\%$; Resolution (Ra): 0.001 μ m; Probe: Type: inductive; Stylus radius/range: 5 μ m/900; Stylus material: diamond; Measuring force: 0.4 mN; Measuring unit: μ m/ μ in; Cut off: 0.25/0.8/2.5 mm; Number of cut-offs: 1 to 5; Traverse speed: 0.5 mm/s, 1 mm/s; Memory: 100 measurement results. Output: USB; Power: built-in rechargeable battery; Dimension (L x W x H): 140 x 52 x 48 mm; Weight: 440 g. Standard Accessories: Main unit: 1 pc, Calibration Block: 1 pc, Calibration support: 1 pc, Adjustable stand: 1 pc, Probe cover: 1 pc, USB cable and software: 1 pc, AC/DC adaptor: 1 pc, Pre surf Mobile 1.0: 1 pc. Optional Accessories: Extension rod (Code ER 100), Curved surface probe (Code RS 110), Groove probe 3 mm (Code RS 130), Deep groove probe 10 mm (Code RS 131), Advanced software (Pre surf-10), Test stand (TS 620), Printer (Code PRT100, 200, 300).

Contact:

Yamayo India
8 Owners Industrial Estate, 505 Gabriel Road
Mahim (W), Mumbai 400 016
Mob: 98200 88868 / 98202 10070
E-mail: sunilkukreja27@gmail.com

Screw Washer Assemblies

MVD Fasteners Pvt Ltd supplies Screw Washer Assemblies. Range: Single Washer, Double Washer; Threads: Metric, Unified; Heads: Pan, Countersunk Flange, Hexagon; Drives: PoziDriv, Cross Recess, Slotted, T-Drive. Materials: Steel, Stainless Steel, Brass. Also offers Spring Steel Fasteners, Turned Parts, Circlips, Washers, Socket Products, Thread Forming, Pins, Rivets, Bolts and Studding, Plastic Fasteners, Rivet Bushes, Self-Tappers, Nuts, Security Fasteners, Blind Rivet Nuts, Machine Screws, Self-Clinch Fasteners, etc.

Contact:

MVD Fasteners Pvt Ltd
Plot No: 308, Jigani Link Road, Jigani Hobli
Anekal Taluk, Bengaluru Rural, Karnataka 560 105
Mob: 72599 47816 • E-mail: onlinesupport@mvdfasteners.com

Centralised Control & Monitoring System (CCMS)

Transrail smart lighting automation solution intelligently controls lamps with automated commands. The Smart CCMS device managing lighting activities, saving up to 60% energy. It boosts maintenance productivity with auto alerts and notifications, accessible via mobile and desktop, saving manpower resources. Technical Specifications – Brief Info: Main Chipset: MDM 9207-1; Memory: 2 GB + 1 GB; Sensor: LSM6DSO (3D Accelerometer and 3D Gyroscope); UE Category: Cat-1; Frequency: FDD B3/B5/B40; Data Rate: D/L 10 Mbps, U/L 5 Mbps; GPS/AGPS. Mechanical – Dimension: 111.8 x 80 x 21.94; Battery: LiFePO4 470 mAh; Antenna: Internal Antenna (LTE/GPS); Environmental – Operating Temperature: Charging -0 to + 60°C; Discharging -20 to + 70°C; IP65. Standard Components in CCMS – Common Electrical Switchgears: Energy meter (Single phase or three phase) with or without CT; Contactor/SSR for On/Off as per power rating; MCB/ELCB for protection; Door open sensor; Auto/Manual; Power Supply (SMPS); kVA rating – 1 kVA to 30 kVA.

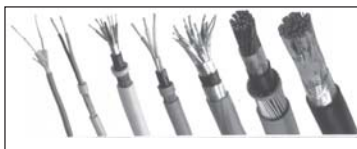


Contact:

Transrail Lighting Limited
A-Wing, 5th Floor, Fortune 2000, Block G
Bandra Kurla Complex, Bandra (East), Mumbai 400 051
☎ 022 – 6197 9600 • E-mail: enquiry@transrailighting.com

Instrumentation Signal Cables

Tempens Instrumentation Signal Cables minimize noise and signal interference, delivering clean signals in harsh environments and general manufacturing operations. These cables are designed for use in communication and instrumentation. Features – Construction: Single/Multi, Pair/Triads; Voltage Grades: Up to 1.1 kV; Conductor: Electrolytic Grade Bare Copper/Tinned Copper; Conductor Size: 0.50, 0.75, 1.0, 1.5, 2.5 sq mm up to 48 pairs; Conductor Stranding: Solid or Multi strand; Core Insulation: PVC, HR PVC, PE, XLPE, LSZH Polymer, FR, FRLS PVC, XLPO, etc; Screening: Aluminium Foil with Drain Wire/Mesh Braided; Inner/Outer Sheath: PVC, HR PVC, PE, LSZH Polymer, FR PVC, FRLS PVC, PUR, XLPO, etc; GI Round Wire/Flat Strip Armouring; As per BS 5308 Part 1 and Part 2, IS 1554, EN 50288-7, IS 7098.



Contact:

Tempens Instruments (I) Pvt Ltd
B-188A, Road No: 5, MIA, Udaipur, Rajasthan 313 003
Mob: 93588 35576 • E-mail: info@tempens.com

Welding Machinery

APS Welding has been a trusted name in India since 2003, proudly establishing itself as one of the leading indigenous welding machine manufacturers in the country. APS Welding designs, manufactures, sells, and services welding and cutting power sources and automation solutions. APS is one of the few companies in India that focuses on building heavy-duty welding machines with long life, creating import substitutes, and providing customers with long-term commitment regarding parts availability. This sets APS Welding apart from other brands in India. The Company is also pioneer in designing and manufacturing welding inverters and is known for producing high-efficiency welding inverters with high power factors. All models are rigorously tested as per IS and International Standards. The products range includes: Arc Welders Discover Series, and Genesis Series; Gouging Equipment Genesis Series; TIG Welders, TIG/Pulse TIG Welders (Pix); Digital Pulse TIG Welders; MIG/ARC/Multiprocess Welders; Submerged Arc/Multiprocess Welders; Plasma Cutting Equipment; ACDC TIG Welders, etc.



Contact:

Advanced Power Sources Limited
Survey No: 172/1, Paikar 2, Old GIDC Gundlav
Valsad, Gujarat 396 035
Mob: 96014 44111 / 96014 44222
E-mail: info@apsl.in / sales.valsad@apsl.in

Painting Booth

Dipole offers Painting Booth. The features are: these conveyorised liquid painting booths are made of best quality raw material; these liquid painting booths are specially designed to fulfill basic requirement of their clients; these products are sturdy and highly durable in nature. They are presenting their products at various sizes, shapes and dimensions depending upon the object that has to be coated; designed for liquid painting solutions; and its features include: robust design; corrosion resistance; high tensile strength.

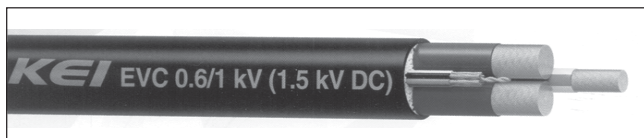


Contact:

Dipole Surface Finishing Solutions
WZ - 523/28A, Basai Darapur, Near Bali Nagar
Bali Nagar, New Delhi 110 015
Mob: 99900 51511 • E-mail: dipoleindia@gmail.com,
info@dipoleindia.com

DC Fast Charging Cable

KEI Industries Limited offers DC Fast charging cable KEI Charge EV B1BZ5-F. Standard: IEC 62893-4-1, Type 62893 IEC 126; Certification: TUV-R. Design Features: Conduc-



tor: Bare Copper, Class 5 according to EN/IEC 60228; Insulation: LSZH specially formulated compound; Core identification: IEC 62893-1; CC/CP cores: ESZH specially formulated compound; Outer sheath: Special TPU Type EVM-1; Outer Sheath Colour: Black, any other colours on request. Rated Voltage: 600/1000 V. Flexible and Lightweight: KEI EV Charging Cables are easy to handle as they have optimum dimensions, which make them lightweight, flexible and sustainable. Weather-Resistant: KEI EV Charging Cables are highly resilient and can be installed in extreme weather conditions. They will continue to be safe and efficient. These Cables can withstand any mechanical impact as they are based on Cross-Linked Control core concept. That gives cables improved longevity. KEI's products range includes: House Wires, Winding Wires, SS Wires; Single and Multicore Flexible Cables, Flat Cables, CAT 6 Cables, Co-Axial Cables, CCTV Cables, Telephone Cables, Solar Cables, Rubber Cables, LV Cables, HV Cables, Control Cables, MVCC Cables, EHV Cables, Fire Survival Resistant Cables, Instrumentation Cables, EV Charging Cable and Gun, Marine and Offshore Cables, Thermo-couple Cables, etc. Widest range of wires and cables are offered from 1.1 kV up to 400 kV.

Contact:

KEI Industries Limited

D-90 Okhla Industrial Area, Phase-1, New Delhi 110 020

☎ 011 – 2681 8840 / 2681 8642 • E-mail: info@kei-ind.com

Digital Pressure Gauges + Transmitter

Arbuda Instruments offers Digital Pressure Gauges + Transmitter. Features: Nominal size: 63 and 100 mm; Accuracy: +0.25% and 0.15% of full scale; Case and Bezel: ABS plastic and aluminium anodized; Wetted parts: SS 304L/DD 316L; Scale range: -1 to 700 kg/cm²; Battery life: 2 years power saving mode/1000 hrs cont. Applications: Generally used for corrosive gases and liquid media and for calibration lab use.



Contact:

Arbuda Instruments

E-11/1 GIDC Sector-26, Gandhinagar, Gujarat 382 027

Telefax: 079 – 2328 7990

Mob: 82649 37896

E-mail: info@arbudainstruments.com

In-Situ Multi Gas Analyzer FMGCEM40XX

Forbes Marshall and Codel International, UK, a Forbes Marshall group company, who specialises in the design and manufacture of high technology instrumentation for combustion processes and stack emission monitoring. The



Company offers In-situ Multi Gas Analyzer FMGCEM-40XX. Features: World class, rugged, reliable accurate, In-situ gas analyzer, which works 365 days a year; IR based multi gas analyzer for CO₂, SO₂, NO_x, HCL, CH₄ measurement; No sampling/conditioning of gases, fast response; Works on gas diffusion technic; no filter choking; Built-in CO₂, H₂O, temperature and pressure measurement for on-line normalization; CO measurement at APH inlet or economizer outlet for boiler combustion efficiency monitoring; Suitable for above dew point to 400°C gas temperatures; Online calibration using audit gases; Negligible maintenance, power consumption only 400 W.

Contact:

Forbes Marshall Pvt Ltd

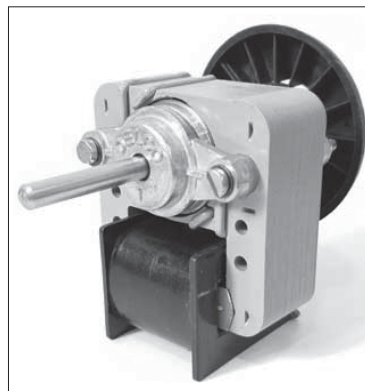
Opp: 106th Milestone, CTS No: 2220, Mumbai-Pune Road

Kasarwadi, Pune, Maharashtra 411 034

☎ 020 – 6613 8555 • E-mail: environ@forbesmarshall.com

Shaded Pole Electric Motors

Delco Fans offers Shaded Pole Electric Motors. The features are: designed specifically as per customer's requirements, available in 2-pole, single phase design. Wide range of motors from 5 watts to 30 watts; temperature rise is limited to 40 D celcus; shaft available EN8 and SS 304. Shaft diameter 6 mm, length available from 25 mm to 150 mm threading of shaft can be provided. Motor can be mounted horizontally and vertically. Motor cooling blade can also be provided; its application areas: magnetic stirrer. The company established in 1975. Their manufacturing range consists of FHP Electric Motors, General Electric Motors, Centrifugal Blower and Industrial Fans.



Contact:

Delco Fans Pvt Ltd

Plot No: A/388, Road No: 28, CP Talav, Wagle Industrial Estate Thane West, Maharashtra 400 604

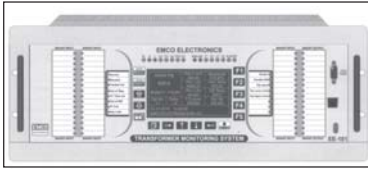
Mob: 97692 01564 • E-mail: delcofans@gmail.com

Transformer Monitoring System TMS EE-101

EMCO Electronics LLP offers Transformer Monitoring System TMS: EE-101. Features: Monitoring and Control of Transformer Parameters like voltage, Current, Tap position, Temperature, Power, Paralleling, Transformer Life consumption; 5.1" Large Graphics Display with 16 front keys for user-friendly interface; Status LEDs to indicate various states of Transformer and controller; MODBUS (RS-485), IEC-61850 (RJ45 Ethernet or Fire Optic port) protocols for communication; USB/RS-232 port for parametering through PC; Event recording and Data Logging of all required parameters; Portable data backup through Micro SD card; Direct keys for Auto/Manual, Local/Remote, Raise, Lower and Home Screen; Five function keys for easy editing of parameters; Programmable Analog Inputs and Outputs; Programmable Binary Inputs and Outputs; Parallel operation of transformers using Master/Follower and circulating current; Calculation of Lifetime Consumption of transformer; Predictive mode for controlling Transformer Temperature, Cooling control with 6 level settings; Voltage compensation using LDC/Z compensation method; Load based and time based loading shedding; Plug-in type Rear Panel Terminal Block connectors for ease of wiring; Universal; Power Supply; 19" standard sub rack assembly for easy installation. EMCO Electronics LLP is an ISO 9001: 2015 certified organization engaged into designing, manufacturing and servicing of a wide range of quality products having international standards and features for Electrical Measurement, Protection and Control of Power Transformers for Power Generation and Distribution industry over more than 4 decades.

Contact:

EMCO Electronics LLP
302 Vasan Udyog Bhavan, Senapati Bapat Road
Opp: Phoenix Mill, Lower Parel (W), Mumbai 400 013
☎ 022 – 2490 2283 / 2491 4638
E-mail: office@emcoelectronics.org



Material/Laboratory Testing Instruments

EiE Instruments Pvt Ltd, an ISO 9001:2015 Certified Company manufactures Testing Instruments for Concrete Testing, Bitumen Testing, Soil Testing, Cement Testing, Rock Testing, Paver Block Testing, Tiles and Ceramic Testing, Aggregate Testing, Brick Testing, AAC Block Testing, TMT Bar Testing, Metal Testing, Geo Textile Testing, Yarn Testing, Rubber and Plastic Testing, Pharmaceutical Testing, Petroleum Testing, Coal Testing, Paint Testing and many more.

Contact:

EiE Instruments Pvt Ltd
A-1301, BVR Ek, Opp: Hotel Inder Residency
Nr: Gujarat College, Ellisbridge, Ahmedabad, Gujarat 380 006
☎ 0179 – 6621 1234 • Mob: 99042 02401
E-mail: info@eieinstruments.com

Different Types of Nuts

Haryana Fastners, an ISO 9001: 2015 Certified Company manufactures a comprehensive range of nuts using both hot forging, cold forging, bar turning and milling processes. Standards: ISO, DIN, BS, AS, ANSI, ISI. Type of nuts include: Hex nuts, Nylon insert nuts, Heavy Hex nuts, HSFG nuts, Castle/Slotted nuts, Flanged nuts, Jam nuts, 2H nuts, etc. The Company also manufactures application/profile nuts to customer's requirements and specifications. The standard size of nuts are available from diameters M6 to M100, and also in corresponding inch sizes diameters 1/4" to 4".

Contact:

Haryana Fastners
166 Kailash Nagar, Sherpur, Nr: Cancer Hospital
Ludhiana 141 010
☎ 0161 – 463 1146 • Mob: 98888 80078
E-mail: info@haryanafastners.com

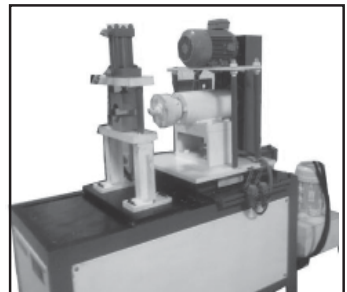


Hydraulic Chamfering Machine

Vedant Engineering Services offers a wide range of Hydraulic Chamfering Machines. Features are: a wide range of customized special purpose machines specifically designed after understanding the users application and needs; the machines may offer a completely automatic loading, feeding and chamfering process; this range is suitable for cleanly and evenly chamfering both ends of the tube, as well as chamfering the inside, outside and face of the material; fully automatic chamfering system for save manpower; external and internal chamfering with facing in one process for both sides of the tube; minimum working length can be adjusted; the rigid tool seat has been designed for durability, with easily fixable tool bits for longer working life; fast speed approach for time saving; adjustable chamfering speed for smooth finish; the length tolerance of each working piece can be controlled; the machine bed's heavy casting and headstock can absorb working vibrations, providing a continuous and stable operation; optimal electric circuit. The company specialises in manufacturing and supplying hydraulic equipment and tools.

Contact:

Vedant Engineering Services
Plot No: 23/A, Survey No: 81/82, B/h: NMC School
Ambad Village, MIDC, Ambad
Nashik, Maharashtra 422 010
☎ 0253 – 6646 122 • Mob: 94204 75066, 73859 63250
E-mail: vedantengg@gmail.com



Abrasion Tester

Asian Test Equipments offers Abrasion Tester. The features are: this DIN abrasion tester is designed to determine abrasion resistance index of natural and synthetic rubber in accordance with the above principle; it consists of test specimen holder with a cylindrical opening adjustable between 15.5 and 16.3 mm to clamp the test specimen



with an arrangement to adjust the length of test specimen protruding out; The holder is mounted by a screw mechanism along a length of a rotating drum on which the abrasive cloth is fixed. The movement of the screw mechanism and drum is given by an electric motor, gearbox and chain mechanism to give the specified speed of rotation to the drum and the specified lateral movement to the test specimen holder; the swivel arm and test specimen holder are so disposed that the test specimen is pressed against the drum under the specified load with its center axis at an inclination of 3 degrees to the perpendicular in the direction of rotation and placed above the longitudinal axis of the drum; a rack and pinion arrangement to rotate the test specimen about its axis during the test (whenever desired) is also provided. The company's products range includes: fabric testing equipment, yarn testing equipment, paper/package testing equipment, footwear testing equipment, plastic testing equipment, leather testing equipment, rubber testing equipment, coated fabric testing equipment, and foam testing equipment.

Contact:

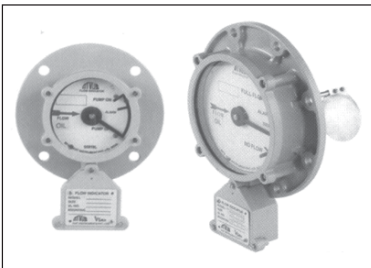
Asian Test Equipments

F-23, Massori Gulawthi Road, UPSIDC Industrial Area Ravali, Ghaziabad, Uttar Pradesh 201 015

Mob: 97569 36321 • E-mail: asiantest2007@yahoo.com

Flow Indicators for Forced Cooling Transformer

Viat Instruments Pvt Ltd offers Flow Indicators for Forced Cooling Transformer. Features: It indicates optimal operation of pumps and/or gravity flow of liquid; Models for oil or water application; 4" or 6" dial sizes with multiple switch configurations available; For pipe sizes from 1.5" to 10"; Each piece made to order according to specified flow rate; Factory calibrated, with tamper proof sealed design; T mounting supply available.



Contact:

Viat Instruments Pvt Ltd

B28, GIDC, Sector 25, Gandhinagar, Gujarat 382 025

Mob: 75758 04128 / 75758 04174 • E-mail: unit2@viatin.com

Automatic Viscometer

AVI Scientific (India) offers Automatic Viscometer. The features are: its having advantage of high accuracy, stable digital display; it is easy to operate and good anti-interference. It is widely used in the measurement of viscosity of various kinds of fluids such as grease, paints, food, medicine, adhesive and cosmetic etc.; it can also be used for liquids. Its with large LCD display measurement ranges is 10 to 100,000m Pa. s with 4 Spindles. 6/12/30/60 rotor speed (RPM). The company established in India in the year 1989. We are leading exporters for Lab Instruments.



Their Sister Concern AVI Scientific Calibration & Services has NABL Accreditation. They focus towards customer satisfaction through high Quality and Competitive prices. They have dedicated team for expert business. We have own facilities in house.

Contact:

AVI Scientific (India)

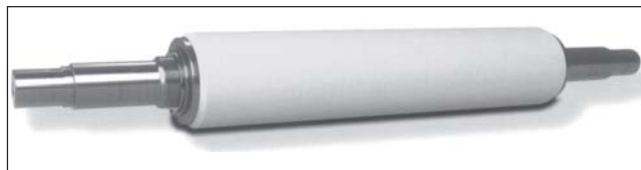
Amar Gyan Industrial Estate, LBS Marg

Thane West, Thane, Maharashtra 400 601

☎ 022 - 2547 7638 • E-mail: md@avisscientific.com

Fiber Rolls

Tech India Systems Solutions is the manufacturer of Fiber Rolls for various applications. The products range includes: Rolls for the application of Squeezing, Calendar-



ing, Embossing, etc. in industries like Sheet Metal, Textile, Paper, and Automotive. The Company can manufacture Rolls up to diameter of 600 mm and 5000 mm long. Features: Superior Fluid Control; Longest Life; High Coefficient of Friction; Self-Healing; Cut Resistant; Porosity; Repairability. Benefits: Increased Line Speed; Reduced Fluid Usage; Reduced Maintenance cost; Reduced staining from poor wringing; Reduced defects on coils; Reduced wastage and rejection, Reduced re-work; and Cost effective. Applications: Wringing, Oiling, Blank Washing, Pinch/Feeder, Bridle, Cradle,

Tension/Break, Snubbers, and Vacuum.

Contact:

Tech India Systems Solutions

Khasra No: 807, Gali No: 9, Sihani Road, Vidya Vihar

Ghaziabad, Uttar Pradesh 201 001

Mob: 98888 77746 / 95551 20046

E-mail: techindiasystemssolutions23@gmail.com

Industrial Automation Solutions

Dynalog India Limited offers Industrial Automation Solutions. Products offered are: Data Acquisition modules available giving Data outputs in wireless, Modbus TCP, Modbus RTU or even USB Modules some support very high speed data acquisition. Each of the above types have variations like Analogue input, Digital Input, Timer/Counter, Analogue Output, Digital Output, Relay, Pulse; All Modules have input to output Isolation and some with channel to channel isolation also available; OPC Technology, Push Technology, MQTT support for IOT applications; Provides support for Multiple OT and IT Protocols for ease of integration. Application Scenarios: Data Acquisition and SCADA based Control Systems; Smart Factories; Solar Power System Monitoring; Water and Wastewater Remote Monitoring.

Contact:

Dynalog India Limited
G-Wing, Kalash Vaibhav Complex
Parksite, Vikhroli (W), Mumbai 400 079
☎ 022 – 4233 0000 • Mob: 72088 45899
E-mail: sales@dynalogindia.com



Digital Non-Contact Tachometer

Electronic Automation Pvt Ltd offers Digital Tachometers, which are also known as RPM meters, are designed to measure revolutions per minute (RPM) of any rotating surface. EAPL offers digital hand held non-contact type tachometers that are manufactured using world-class technology. The input sensing is through reflective beam falling on reflective sticker. Features: Portable, Light weight, strong and elegant ABS enclosure; Last reading memory retention; High Accuracy and resolution. Applications: Motors, Pumps, Generators, Engines and many more. The Company's range of products are: Basic Meters, Digital Timers, Digital Time Switches, Electronic Timers, Multifunction Meters, Maximum Demand Meters, Preset Counters, Protection Relays, Reverse Power Relays, Sequential Timers, Switch Mode Power Supplies, etc.

Contact:

Electronic Automation Pvt Ltd
20, KHB Industrial Area, Yelahanka
Bengaluru, Karnataka 560 064
☎ 080 – 4280 2345 • E-mail: info@eaplindiamail.com

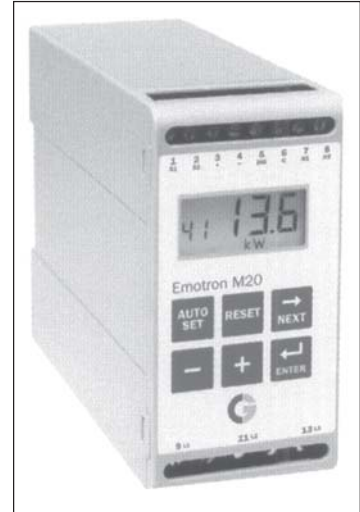


Emotron M20 Shaft Power Monitor

CG Power and Industrial Solutions Limited offers Emotron M20 shaft power monitor, which helps you save time and money. It protects pumps and other equipment against damage and detects process inefficiency. Early warnings allow you to take preventive action. Unique features include measuring shaft power output and using the motor as a sensor. The result is reduced maintenance and installation costs, extended equipment lifetime and increased reliability. Key Features: Detects over and under load; Sends warning or stops the pump; Uses pump motor as sensor, eliminates need for external sensors. No moving parts increases reliability; Shuts pump off before it runs dry. Range: 0.4 A to 999A; Supply: 220 V/400 V/525 V/690 V Single phase/Three phase; Protection Class: IP20. Application: Fixed speed loads. CG Drives & Automation offers complete drive solutions that ensure the safe and cost-efficient operation of demanding industrial applications.

Contact:

CG Power and Industrial Solutions Limited
Drives and Automation
Plot No: 9, MPAKVN, Phase-2, New Industrial Area
Mandideep, Madhya Pradesh 462 046
☎ 07480 – 408 285 / 408 181 • Mob: 97130 64491
E-mail: pawan.mathur@cgglobal.com /
girish.pathak@cgglobal.com



Industrial Weighing and Bagging

The Diyani Engineering was founded to provide innovative and reliable solutions in the field of Industrial weighing and bagging, material handling, process automation and customized Automation. DIYANI offers Instant access to its extensive and mature engineering resources and young team of qualified engineers focused to versatile special field. As a Design, Machine Manufacturer and Automation company, it has a team of 50+ Skilled Engineers working for In House Design, Manufacturing, Software Development, Project Management and Service Departments. This enables Diyani to be a complete solution provider, from Conceptualization to Product Delivery.

Contact:

Diyani Engineering
Plot No: 152, Vivekanand Industrial Park
Kubadthal, Ahmedabad, Gujarat 382 430
Mob: 93274 80120 / 99786 81120
E-mail: jitendra@diyani.in

Tube Marking Printer

Uday offers Tube Marking Printer Model P900. Features: Single print ribbon for all medium; Automatic-Material Feed, Clean, Nip, Auto Ribbon tighten, half cut; Large Backlit LCD; Adjustable cut depth; Sleek keyboard with 78 keys; USB Link with professional editing software; Large internal storage capacity; and 1 year machine warranty. Specifications – External function: Manual Operation + PC Connection; Printing Method: Thermal Transfer Printing; Printing Resolution: 300 dpi; Print output: Alphanumeric, Symbols, Image and Bar Code; Font Option: Multiple Font; Segment Setting: 5-300 mm; PVC Tube size: 1.5-8.0 mm; Heat Shrink Tube Size: 1.0 – 16 mm; Label tape size: 6 mm/9 mm/12 mm; Marking Strip: 4 mm; Display: White backlit screen; Characters: Pinyin / English / Alphabet / Number / Symbol / Sub-characters; Keyboard: 78 key standard; Built-in-Memory: 100 files, 120 paragraphs (12000 characters/par); Cutting Mode: Auto Half-Cutting and Manual Full-cutting; Power Adapter: DC 12 V 3 A; Dimension (L x W x H): 283 x 323 x 85 mm; Weight: 3 kg including hard case; Operating Environment: 45°C; Printing Speed: Half-cut 42 pcs/min High Speed of 125 pcs/min (Each segment of 20 mm/pc).



Contact:

Uday Udyog Electronics (P) Ltd
6-1-339/11, Road No: 1, Padmarao Nagar
Secunderabad, Telangana 500 025
☎ Mob: 70930 03538 • E-mail: support@udayudyog.com

Strength Tester

Globe Enterprises offers Strength Tester. Its features are: designed by domain experts with the application of innovative technology and high grade materials; leveraging the Company's rich industry expertise, and has come up with tensile strength tester for its revered customers. In compliance with the latest technology, tester is highly efficient in functioning;. The company is a manufacturer, distributor, supplier of the globally demanded testing equipment; and its products are acknowledged for qualities like easy installation, seamless finish, sturdy construction and simple functionality. The product range also come along with the helmet testing equipment, leather testing equipment and paper testing equipment.



Contact:

Globe Enterprises
373/7 Mukund Nagar, Industrial Area, Ghaziabad, UP 201 001
☎ 0120 – 2855 283 • Mob: 98105 13727 / 98105 13799
E-mail: info@globetestingequipment.com

Electromagnetic Flow Meter

Broiltech Electromagnetic Flow Meter operation principle is based on measuring electromotive force induced in electrically conductive liquid when it moves in magnetic field. The magnetic field is furnished in the flow sensor's inner channel by a special electromagnetic system. Power Supply: Battery operated / 24 V DC/230 V AC; Available in sizes from DN 10 to 300 mm (3/8" – 12"). Material of Construction – Range: Carbon steel/stainless steel. Housing: Carbon steel/stainless steel. Lining: PTFE/Rubber. Electrode: Stainless steel, Titanium, Tantalum, and Hastelloy. Output: 4 to 20 mA. Pulse, Alarm, RS485. Application: Water Abstraction / Treatment / Distribution Network, Irrigation, Acids, Alkalis, Alkaline Solutions, Paper/Pulps, Liquid Food, Heat Meter for Calculate Energy of Liquid, BTU Meter.

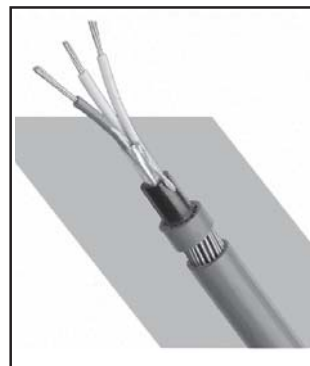


Contact:

Broil Sensotek Industries
Plot Nos: 1, 2 and 3, Nilkanth Industrial Park
B/h: Dediyan GIDC, Mehsana, Gujarat 384 002
Mob: 940 854 0500 • E-mail: info@broiltech.com

Fire Survival Cables

Tempens Instruments (I) Pvt Ltd offers Fire Survival Cables, which are used in the installations where vital circuits are required to continue operation under fire conditions. In all disaster, fire smoke head and toxic fumes are the main obstacles to safe evacuation of a building area. A major contribution towards overwhelming these hazards is the use of fire survival cables and halogen free cables. Conductor: Electrolytic Grade Bare Copper/Tinned Copper; Fire Resist Heat Barrier: Glass Mica Heat BARRIER Tape; Insulation: XLPE/Silicon; Screening: Al-mylar/Metal braided; Inner/Out Sheath: Halogen free low smoke polymeric compound/FRLS PVC; Armouring: GI Round Wire/GI Flat Strip; Standard: IEC 60331, IEC 60332, IEC 60754, BS 6387, EN 50290-2-27, BS 7655, BS 7629-1, IS 7098, IS 8968. Tempens' products range include: RTD Triad Cables, LT Control and Power Cables, Thermocouple Cables, Wires, Cables, Non-Contact Pyrometers, Heaters, Furnaces, Calibration Equipment, etc.



Contact:

Tempens Instruments (I) Pvt Ltd
B-188A, Road No: 5, MIA, Udaipur, Rajasthan 313 003
Mob: 93588 37556 • E-mail: info@tempens.com

Water Flow Calibration Laboratory

Star Mech is the first private company in India to have an in-house Gravimetric Water Flow Calibration Laboratory. The laboratory is accredited for Calibration by National Accreditation Board for Testing and Calibration Laboratories (NABL) in accordance with standard ISO/IEC 17025: 2005.



The Calibration system is as per ISO 4185. All types of flow meters (ultrasonic, magnetic, mass flow meter, etc.), differential flow elements (e.g. orifice plate, Averaging Pitot tube (APT), flow nozzle, venturi tube, etc) and valves, can be calibrated. The laboratory has a capacity of 500 m³/hr of flow rate.

Contact:

Star-Mech Controls (India) Pvt Ltd
Sushilottam, 29/3A/3 Sasanenagar
Hadapsar, Pune, Maharashtra 410 028
☎ 020 – 2697 0440
Mob: 83088 05380 / 99229 57538
E-mail: marketing@starmech.net

Monitoring Devices

General Industrial Controls Private Limited manufactures Process Control, Automation and Instrumentation product. While operating electrical installations it is not possible to completely avoid occurrence of faults. This is why suitable protection devices have to be used in order the consequences of faults. This can have pronounced effect on reliability and availability of the system. In order to guarantee reliable operation of an installation, the measuring and monitoring devices have to respond to occurring failures quickly, reliably and selectively. GIC manufactures Monitoring Devices which are classified into five categories: i) Voltage, ii) Current, iii) Frequency, iv) Temperature, v) Level. The range includes: 3P-3W/3P-4W Voltage Monitoring Relays; Single and Three phase Current Monitoring Relays-Over and Under Load protection; Earth Leakage Relays; Under and over frequency monitoring; PTC Thermistor and Equipment Room Temperature control Relays; Liquid Level Controllers, etc.

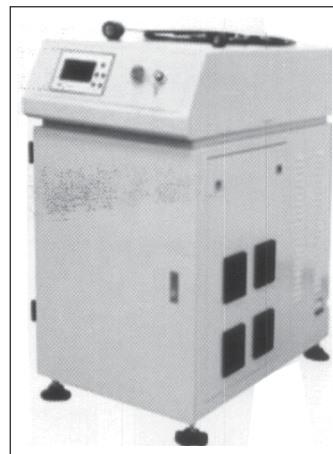


Contact:

General Industrial Controls Private Limited
T-107 MIDC, Bhosari, Pune, Maharashtra 411 026
☎ 020 – 4623 2323 / 4623 2325
E-mail: marketing@gicindia.com

Fiber Delivery Laser Welder/Cutter

Star Laser Technology offers Fiber Delivery Laser Welding and Cutting System equipped with Lamp pump Laser source with Fiber delivery laser transfer. The main focus of this kind of machine where need to transfer the laser but not the unit. The Fiber Delivery is useful in Tool and Dies making, Auto industries, heavy load objects need to be welded or cut. In Fiber Delivery company can choose own worktable units with it. The Company's products include: Spot Welder, Continuous Laser Welder, Green and Sub Surface Engraver, Solar Scriber, UV Laser Marker, CO₂ Laser Marker, Fiber Laser Marking System, Industrial Fiber Laser Marking System, Semiconductor Diode Laser Marker (Side Pump), etc.

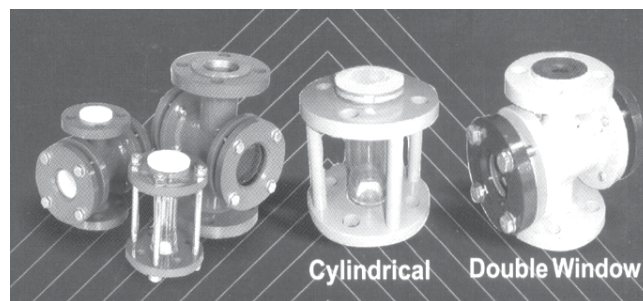


Contact:

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☎ 022 – 2163 2018 • Mob: 80489 57313
E-mail: starlasertech@gmail.com

Sight Flow Indicators

R K Dutt Concerns, an ISO 9001 Certified Company offers Sight Flow Indicators in Cylindrical and Double Window versions. Operation: Connected in pipelines, they show



flowing liquids under pressure and vacuum thru cylindrical glass or toughened glass window. Features – MOC: SS 316, 304, PP or PTFE lined for Universal Corrosion Resistance. Op Pressure: Abs, Vac. to 20 bar max; Op temperature: India Glass 150° C, Maxos German 300° C. Options Drip lip, Flapper, Roto wheel. The Company's products range includes: Glass Tube Rotameter, Acrylic Tube Rotameter, Metal Tube Rotameter, Orifice Assembly, Pitot tube, Multiple Pilot Tube, Flow Nozzle, and Venturi Tube.

Contact:

R K Dutt Concerns
A-88 Road 18, Wagle Estate, Thane 400 604
☎ 022 – 6724 8787 / 2582 2541
E-mail: marketing@rkdutt.com

5100 Portable Hardness Tester

Yamayo India presents 5100 Portable Hardness Tester. Its Features are: OLED display of 128 x 32 matrix; Converts to all hardness scales (HV, HB, HRC, HEB, HRA and HS); Easy to use menu driven system; Mini USB Interface; 600 groups of Data Memory; Upper and lower limit of hardness can be pre-set with alarm; In-built calibration software; Use of optional devices Type C, DC, G, D+15, DL facilitated (5100 Pro); Smart skid proof design; Operating environment: -10°C ~ +15°C; Humidity: 20% ~ 80%; Storage environment: -30° ~ +180°, Humidity: 5% ~ 95%; Dimensions: (L): 155 mm, (W) 55 mm, (T): 25 mm; Weight: 160 g. Applications: For the majority of your hardness testing assignments. Die cavity moulds; Heavy work piece; Assembled and permanently installed parts; Failure analysis of pressure vessels steam turbo generator set and other large equipments; Bearings and other parts; Material identification of metals.



Contact:

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E-mail: sunilkukreja27@gmail.com

Manometer Single Limb

Zoom Instruments offers Manometer Single Limb. Features are: it is used for precision measurement of pressure and differential pressure for flow and level measurement; it has adjustable scale for zero; glass tube/acrylic body; wetted part made from SS-316; the range in glass tube 0-250 MMWC to 0-1000 MMWC; range in acrylic body 0-100 MMWC to 0-500 MMWC; wall mounted/stand mounted; inclined tube manometer for precision measurement of pressure and differential pressure. The company manufactures a vast range of products with brand name Zoom.



Contact:

Zoom Instruments Manufacturing Company
25/7 MN Sen LN, Near Japan Consulate, Ashok Nagar
Tollygunge, Kolkata 700 040
☎ 033 – 2421 0572
E-mail: zoominstru2@yahoo.com

Speed Monitor

Excella Electronics offers Speed Monitor. Rotating Equipment protection systems for use in industrial applications worldwide, focusing in over-speed protection. It measures the rotational speed.

Features: Easily programmable from the front panel; Remote facility (optional); High speed recording facility. Technical Specification: Display: 6+4; RPM Range: 3-6000 rpm; Frequency range: 0 Hz...25 kHz; Universal Signal Input: Magnetic Pick-up



sensor, Proximity sensor;; Analogue output: 0/4..20 mA or 0..10 V DC; Relay output: Up to 6 numbers; 4 set point: 2 for high speed and 2 for low speed; Supply voltage: 24 V DC/110 V DC/220 V DC/90-270 V AC, 1 phase, 50 Hz; Dimension: 96 x 96 x 120 mm (approx.); Cut out: 92 x 92 mm; Housing: ABS Plastics.

Contact:

Excella Electronics
213-217 Damji Shamji Industrial Complex
LBS Marg, Kurla West, Mumbai 400 070
☎ 022 – 4601 8181 • Mob: 98692 31387 / 98337 57553
E-mail: sales@excellaelectronics.com

Control Grid Power Supply (CGPS)

Amtech Electronics offers Control Grid Power Supply (CGPS). Features are: 32 bit DSP based precise control; 1 V peak-to-peak voltage ripple; 1000 V/ms rate of rise of output voltage; 1000 V/ms rate of fall of output voltage; input power factor >= 0.92; 40 kV isolation between input and output; 40 kV isolation between output and ground; and local, serial, and remote operation. The company is a leading manufacturer that offers various motion control products like AC drives, high-frequency drives, medium voltage drives (MVD), soft starters, power-quality products like active harmonic filters (AHF) and active front-end converters (AFC), industrial control panels, and power electronics products like AC power controllers, heater controllers, wind power converters, solar inverters, and customized power supplies.



Contact:

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E-mail: info@amtechelectronics.com

Automation & Robotic Solutions

ADNA Automation provides innovative Automation and Robotic Solutions that suits the customer's needs. The Company offers a wide variety of Robotic Solutions. The Robot make and model are selected based on the application. The Robotic cell is designed with all safety aspects and production needs of the customer. Robotic Welding: Floor mounted, Ceiling mounted, 7th Axis rail mounted Robots. Welding fixture to suit your component needs and tolerance. Integration of any welding power source MIG and TIG. Laser seam tracking to accommodate variation in component tolerances. Robotic Palletizing: Automatic palletizing of cartons, boxes, bags, bottles, etc. in any defined matrix on a pallet. Mechanical or Vacuum gripping solution as per the suitability. Infeed conveyor with alignment features. Robotic painting: Solvent/Water based painting, silver painting, Integration of any renowned paint guns. Robotic machine tending: Robot can load/unload 3 or 4 CNC machines. Infeed slat conveyor, belt conveyor with vision or shuttle systems. Assembly Automation: The Company offers conveyor based and indexing table based assembly line automation solutions; The assembly line is designed and manufactured as per the tact time/cycle time defined by the customer; Robots can also be combined in the assembly line for pick and place, glue/sealant dispensing and other operations; Vibratory bowl feeders can be integrated to the line; Infeed conveyors with or without vision systems can also be provided in the line. CNC Autoloaders: Adna offers custom designed autoloaders for any CNC turning center. Autoloaders are typically suited for gravity feed type components and also components that have a high volume output requirement by the customer.

Contact:

Adna Automation

388 & 389 Elgi Industrial Estate, Singanallur

Coimbatore, Tamil Nadu 641 005

Mob: 90039 26018 • E-mail: sales@adnaautomation.com



Hardened & Soft Jaws, Foundry Equipments, Jigs & Fixtures

ACM Engineering, an ISO 9001: 2015 Company manufactures Hardened and Soft Jaws, Foundry Equipments, Jigs and Fixtures. The products are: Top Clamping Jaws, Hardened and Jaws of 200 mm, VTL 360 mm Jaws, Soft Jaws, Moulding Guide Pin, Moulding Closing Pin, Screw Cup, etc.

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ACM Engineering

No: 93, Lottery Thottam, Athipalayam Road

Chinnavedampatti, Coimbatore, Tamil Nadu 641 049

Mob: 99655 90091 • E-mail: acmengg17@gmail.com

Automation Solutions

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Contact:

Orbital Mekatronik Systems Pvt Ltd

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☎ 02522 – 672 359 • Mob: 77100 52536 / 91520 12472

E-mail: marketing@orbitalmekatronik.com

Test & Measurement and Control Instruments

Instrument Automation supplies a range of Test and Measurement and Control Instruments such as Digital Wireless Rain Gauge, Digital Solar Intensity Meter, Digital



Compass/Altimeter, USB Digital Microscope, Digital Light Meter, Digital High Range Light Meter, Digital Carbon Dioxide (CO₂) Meter, Digital Oxygen (O₂) Meter, Digital Photo/Contact Tachometer, Digital Vibration Meter, Digital Thermo-Anemometer, Digital Hot Wire Anemometer, Digital Sound Level Meter, Digital Sound Level Meter (Extended Sensor), Digital Precision Temperature and Humidity Meter, Digital Temperature and Humidity Meter, Digital Temperature and Humidity Meter, Digital Pocket Thermometer, Digital Thermo Hygrometer, Digital Infrared Thermometer, High Temperature Dual Laser IR Thermometer, Digital Moisture Meter, Water Proof PH Testers, Water Proof TDS-EC Meter, Digital Infrared Thermometer, etc.

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E-mail: admin@instrument-automation.com

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Actual Mass/Volume Flowmeter LEOMI 587

Leomi Instruments offers Actual Mass/Volume Flowmeter LEOMI 587. Its features: Measuring actual mass/volume flow rate; Suitable to 15 mm to 10000 mm pipe sizes; Probes with dia = 12 mm/20 mm (HC276) and length up to 2000 mm available; Better accuracy $< \pm$ RD of actual mass flow rate; Up to 4 user selectable analogue input such as pressure, temperature, power or RH% etc.; Turndown ratio 100:1 or better; Accurate measurement over temperature ranges up to 400°C; In-built auto storage with USB 2.0 in CSV format for input parameters; In-built auto purging system for sensor cleaning; Ideal for customized flow control applications with PC software.



Contact:

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E-17/5, Electronic GIDC, Sector-26
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☎ 079 – 2328 7899 • Mob: 90547 50586
E-mail: sales@leomi.in

Rotary Driers

Ceramed Engineers Limited (an ISO Certified Company) offers Rotary Driers. This equipment is used to dry the wet



component after surface finishing, thus preventing corrosion of components. It comprises of an inner rotating chamber where the components get dried using suitable media. Selected suitable drying media will ensure proper absorbing of moisture and the re-circulation of drying media can assure continuous output of parts. Ceramed Engineers' products range include: Vibratory Finishing Machines, Spiral Type Vibrators, Tub Vibrators, Centrifugal High Energy Machines, Centrifugal High Energy Polishing Machines, Rotary Driers, Vibratory Driers, etc.

Contact:

Ceramed Engineers Limited
No: B-67 & 68, III Stage, Peenya Industrial Estate
Bengaluru, Karnataka 560 058
☎ 080 – 2836 0924 / 2836 3040 • Mob: 91645 04222
E-mail: info@ceramedengineers.com

Differential Gauges

Precision Mass Products Pvt Ltd offers Differential Pressure Gauges are available in dial sizes of 63, 100, 115 and 150 mm. Sensing Elements include Single or Double Dia-



phragms, Bellows and Magnetic Piston. These gauges can measure ranges from 6 mmwc to 25 bar with accuracy from 2.5% to 1% and a Static Pressure rating of up to 400 bar. Other products offered by the Company are: Industrial Gauges, Process Gauges, Diaphragm Seals, Industrial Transmitters, Temperature Gauges, Thermowells, Thermocouples, Resistance Temperature Detectors (RTDs), etc.

Contact:

Precision Mass Products Pvt Ltd
Plot No: 2306, GIDC Chhatral, Tal: Kalal
Dist: Gandhinagar, Chhatral, Gujarat 382 729
☎ 02764 – 233 681 / 233 682
E-mail: sales@precisionmass.com

Digital High Voltage Breakdown Test Set

Neutronics Manufacturing Private Limited is a known manufacturer, supplier, and trader of current measurement accessories and electrical and electronic engineering equipment. The Company offers Digital High Voltage Breakdown Test Set. Its Features are: All in one Digital HV Controller (kV + mA + Timer); mA is selectable in steps of 0.3 mA up to Max Range; RS-485 (Modbus) Communication (Optional); Milliamp Trip Reading Hold Facility available (Optional). Neutronics product range includes: Digital Transformer BDV Oil Test Sets, AC and DC High Voltage Test Sets, Automatic Voltage Regulating Relays, Digital Tap Position Indicators, Digital Transformer Oil and Winding Temperature Controller, Single Phase Relay Test Sets, Three Phase Relay Test Set, Primary Current Injection Kits, Transformer Turns Ratio Test Sets, 3 Phase Precision Power Analyzers, Digital Micro Ohms Meter, Automatic Capacitance and Tan Delta Test Set, Automatic contact resistance meter, Automatic Circuit Breaker Timer Kits, Microcontroller based digital set point relays, etc.



Contact:

Neutronics Manufacturing Private Limited
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Marol, Andheri-Kurla Road, Andheri East, Mumbai 400 059
☎ 022 – 2959 1296 / 2859 0745
E-mail: mehul@neutraonics.co.in

Data Logger and Process Scanner

Libratherm Instruments Pvt Ltd offers Data Logger and Process Scanner. Key Features: Input: All Thermocouple, RTDs, Voltage and Current Signals; Input Type selection



through keyboard; Standard models of 8 and 16 channels; Simultaneous Process Monitoring/Data Logging of up to 4 channel; Log/Data Storage interval from 30 seconds to 99 minutes; Data Acquisition Software for Windows PC; 21 CFR/Part 11 compliant software version available; Built in memory for 150+ days data storage at 30 minutes log interval; Direct Printer Output available; Suitable for all Industrial and laboratory data logging applications. Applications: To monitor bearing/winding/oil temperature in Distribution Power Transformer/Generator; To monitor and Log the temperature at various locations in Furnaces/Ovens/Engines/Heating systems like Boilers/Heat exchangers, Hot Air generators/Thermic Fluid heaters, etc; To monitor and Log the Pressure points at various locations in the Water/Liquid/Gas pipelines; To monitor and Log the Temperature and/or Humidity levels at various locations in the Warehouses, Data Centre Rooms, Cold Storages, Calibration Laboratories, Green Houses; To monitor and Log the real time values of Temperature / Current / Voltage in the Electroplating Plants, STP/ETP, etc.

Contact:

Libratherm Instruments Pvt Ltd
401-403 Diamond Indl Estate, KP Road
Dahisar (East), Mumbai 400 069
☎ 022 – 4255 5333 • Mob: 98700 11544
E-mail: libratherm@libratherm.com

Automotive Solutions

In the production likes of automotive and automotive parts industry, productivity and safety must be achieved while meeting the users various needs. IDEC has the products and solutions that best match each requirement. Minimize maintenance time and labor; Improve accuracy of visual check with LED illumination; Improve the performance of door interlock switches; Achieve traceability; Provide reliable explosion protection to hydrogen stations; and Improve visibility and reduce maintenance time and labor. IDEC provides customers with solutions for manufacturing sites by offering products and services for each industry.

Contact:

IDEC Controls India Private Limited
2201A, 22nd Floor, WTC Bangalore, Brigade Gateway
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Bengaluru, Karnataka 560 055
Mob: 80679 35328
E-mail: info_india@idec.com

Programmable Controller PCD-33A Series

Pro-Med offers Programmable Controller PCD-33A Series. Its features: Program can be easily set by inputting step temperature and step time to each step. Communication method can be chosen from five types; shinko protocol, setting value digital transmission, MODBUS ASCII and MODBUS RTU mode. IP66 structure allows usage in harsh environments when the controller is exposed to water or dust. The company with-experience in processing control instrumentation field with an objective to cater to the growing need for superior products having latest technology.

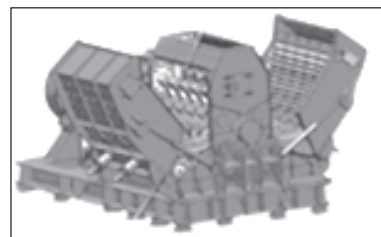


Contact:

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#9/1-18th Avenue, Ashok Nagar, Chennai 600 083
☎ 044 – 4213 2295 / 4213 4214 • Mob: 98408 32296
E-mail: sales@promedindia.com

Reversible Hammer Crusher

MASYC, an ISO 9001-2008 certified company specializes in the field of Bulk Material Handling System, Conveyor Equipment, Crushers and Screens etc. The Reversible Hammer Crusher is manufactured based on proven technology and under in-house strict quality control. It has the unique design feature such as



Welded Casing, Screwed Liner with High Carbon Steel Plates, Hammer heads made of chrome alloy cast steel or manganese steel depending upon the application. Rotor shaft is made out of forged steel, Hammer grinding path with Wear Resistant Plates, which are Mechanically/Hydraulically adjustable and Dust Proof Spherical Roller Bearing. It crushes material in two stages ie, initially the material is reduced by impact between hammer and material followed by scrubbing action (attrition) against breaker plate. Masyc Reversible Hammer Mill is used for Hard Coal, Lignite, Cooking Coal, Lime Stone, Gypsum and other soft and medium hard material. These Mills are rugged in structural, design and easy to maintain, having high throughput and low wear. The maximum reduction ratio can be as high as 12:1 depending upon the WBI of the material. The Company can offer Reversible Hammer Crusher up to a capacity of around 700 TPH and having Rotor dia 2000 mm.

Contact:

Masyc Projects Pvt Ltd
23 Community Centre, Mayapuri, Phase-1
New Delhi 110 064
☎ 011 – 2811 5453 • Fax: 011 – 2811 6850
E-mail: masyc@masycproject.com

Hermetically Sealed Type Transformers

Synergy manufactures ISI approved offload distribution transformer starting from 200 kVA to 2500 kVA under BIS-1180 (Oct 2021) and above 2500 kVA up to 5000 kVA under IS-2026 of all voltage class and covering all level of efficiency. Features of Onload and Offload Transformers – Designing: Designed for minimum 25 years for 24 x 7 duty with negligible maintenance and silent operation; Magnetic Circuit: Step-lap horizontal and vertical in 5, 7, 9 step design for lower losses and low magnetizing current of core by using high quality CRGO material with grades such as MOH, ZDKH, ZDMH, AMORPHOUS, etc; Electric Circuit: Using electrolytic grade with 99.99% pure high quality Copper and Aluminium from the Company's regular and reputed vendor Hindalco & Sterlite with Foil winding in LV coil of transformer' Dielectric Circuit: High dielectric insulation property to withstand lightening impulse and voltage surges; Thermal Circuit: ONON through natural convection for effective cooling through axial and radial ducts. Technical Specification – Type: Indoor/Outdoor Floor mounted; Voltage Class: 3.3, 6.6, 11, 22, 33 kV or special class by customer; Vector Group: Dynn11, Dyn 5, Dyn 1 or as per customer requirement; No of phases: 3; Frequency: 50/60 Hz; Tap Range: $\pm 7.5\%$, $\pm 5\%$ in 2.5% step voltage at 5, 7, 9 and 11 steps or as per customer requirement; $\pm 10\%$, $\pm 5\%$ to -15% in 1.25% steps in 17 position or as per customer requirement; Winding Material: HV Side EC Grade Copper and Aluminium Enamel Rectangular Conductor. LV Side EC Grade Copper and Aluminium Foil; Applicable Standards: BIS-1190, IS-2026, IEC 60076; Painting: Epoxy, Polyurethane or specified by customer. Applications: Industries like Engineering, Auto, Ceramic, Forging, Plastic, Pharma, Food Processing, Mining, Hotels/Resort, Hospitals, etc. Synergy's offerings include power transformers, distribution transformers, solar and wind transformers, dry-type transformers, and specialized application transformers.

Contact:

Synergy Transformers Pvt Ltd

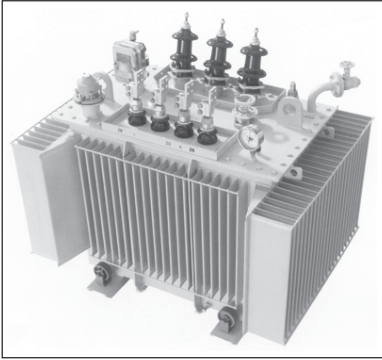
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Mob: 95862 77766 / 95864 77766

E-mail: sales@synergytransformers.com



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Atandra Energy Pvt Ltd offers solutions to industrial and commercial establishments under its popular brand KRYKARD, with over 4,00,000 installations of Power Conditioners and over 1,50,000 installations of Portable and Panel Load Managers, KRYKARD is one of the leading brands in the area of Power Conditioning and Energy Management. Salient Features of DRANETZ Class A Power Quality Analysers: Class-A IEC 61000-4-30 Edition-3; 0.25 Class accuracy; VISA Plus – 7-inch Wide Screen Colour, touch LCD; VISA Plus – SP-IP 65 enclosure; without display; Harmonics and Inter harmonics – IEC 61000-4-7, IEEE 519 (2014); 4GB internal Flash Memory, External Storage Via USB; Sag/Dip, Swell, Transients, Rapid Voltage Change; Inrush with 130 cycles in VISA, 10k cycles in GUIDE and XPLOER; 100 cycle pre-post trigger buffer (HDPQ VISA); 10,000 cycle pre/post trigger buffer (GUIDE and XPLOER); High Speed Digitized Transients 32 μ s/40 μ s Transients and 1 μ s in XPLOER; Ethernet, 802.11 Wireless, Bluetooth, USB; VNC Remote Control for PC, Mac, IOS and Android; GPS, NTP, Internal Time Synchronization.

Contact:

Atandra Energy Private Limited

No: 5, Kumaran Street, Pazhavanthangal, Chennai 600 014

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Contact:

Avis Metal Industries Ltd

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Contact:

Panache EST
#51/3, Haines Road, Pulikeshinagar, Frazer Town
Bengaluru, Karnataka 560 005
Mob: 98451 07886 • E-mail: info@panacheest.com

Slat Conveyor & Roller Conveyor

Anyway Engineering specializes in offering best-in-class Slat Conveyors and Roller conveyors to their valuable patrons. The slat conveyor (*pix, bottom*) is used for assembly line and handling of heavy loads. Customers can further avail conveyor according to their requirements. The company manufactures high quality Roller conveyors (*pix, top*) that are serving many industries. The company's products range includes: Power Driven Roller Conveyors, Gravity Conveyors, Accumulation Roller Conveyors, and Palletizing Roller Conveyors. High Quality Galvanized Rollers and High Tension Chains add to its quality for heavy loaded Conveyors. The conveyors are highly used in liquid filling Lines and Packaging industries.



Contact:

Anyway Engineering
Factory No: 3, Sonarpada (Mhatre Pada)
Near Tempo Naka, Behind W-230, Phase-II
Dombivli (East), Maharashtra 421 204
Mob: 98214 65799 • E-mail: anywayengg@gmail.com

Servo Motors

Rotolinear Systems offers AC Brushless Servo Motors. Features are: these are available in range of 0.1 – 115 Nm. The standard frame sizes (square) available are 25, 37, 55, 74, 86, 98 and 142, 190, 240. There are mainly 2 models or series (i.e. TGT Series and TGH Series. TGT Series AC synchronous servomotors are characterized by low inertia, small dimensions, high dynamics, high adaptability and reliability; the servo motors have permanent Neodymium magnets in the rotor. The groove bevels in the stator and segment alignments of magnets on the rotor decrease the torque pulsations; and the normal protection is IP 54 (optional IP 65) and the insulation Class F. TGH Series servomotors are smaller servomotors and the speed is also low. TGH servomotors are 20 to 30 per cent shorter in total length compared to TGT of same torque. TGH motors are available with torque range 0.03 - 25 Nm. The company provides right products and solutions to major CNC machine tools builders, SPM builders and machinery builders.

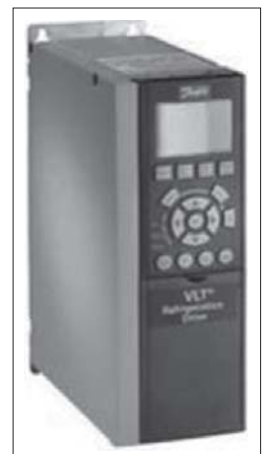


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☎ 080 – 2357 2855 • Mob: 98451 96751
E-mail: rotolinearindia@vsnl.com

VLT Refrigeration Drive

Rudra Impex Corporation offers VLT Refrigeration Drive. The features are: The VLT refrigeration drive FC 103 covers a power range between 1.1-315 kW; available in a variety of protection classes, the drive suits the needs of pump, fan and compressor applications; every application and power size can be operated and programmed with the same common user interface; owing to resistance to rust, dimensional stability and hassle-free performance, these products are highly appreciated and demanded by the clients across the region. The company has been recognized as a trustworthy organization involved in the process of supplying and exporting process control instrumentation equipment and other instruments. These products are manufactured using high-grade raw material with advanced machines and technology.



Contact:

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173/175, V.K. Building, Princess Street
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EXHIBITIONS • FAIRS • SEMINARS

Elektrotec 2026

Elektrotec 2026 will be held from 21 to 24 August 2026 at CODISSIA Trade Fair Complex, Coimbatore, Tamil Nadu, India. It is one of the largest Electrical and Industrial Electronics sector trade events in India. The show registers high overall visitor figures and facilitates smooth exchange of relevant business information among the participants. With wide global participation, it is an ideal platform to launch new products, invite enquiries and generate potential leads across the globe.

Organized by CODISSIA Intec Technology Centre in association with EIEWA, CODETA and others in the past editions.

Exhibits:

Cables • Conductors • Cable Fault Locators • Capacitors • Conductors and Accessories Testing • Electrical / Electronic Components and Accessories • Electro Mechanical • Energy Meters • Engineering Project • Industrial Control and Automations Systems • Instruments – Sensing, Measuring, Indicating • Insulators and Insulating Materials • IT Solution • Lighting – Industrial, Decorative, Flood, Home • LED Lighting and accessories •

Modular Switches; etc.

Visitors:

Consultants and Specifiers • Design and Consultancy • Decision Makers • Engineers and Technocrats • EPC Contractors • Equipment Suppliers • Manufacturers • Power Utilities • Policy Makers • Power Trading Companies • Power Ministry • Senior Industry Representatives • Traders and Importers • Industry Associations Academics • Trade Delegates from India and Abroad • Private Utilities • State Electricity Boards / Utilities • Electricity Regulators • Senior Government Officials • Service Providers • Trade Attaches • Financial Institutions • Students • Press and Media.

Contact:

The Chairman – Elektrotec 2026

CODISSIA GD Naidu Towers, P B No: 3827

Huzur Road, Coimbatore, Tamil Nadu 641 018

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Cell: 99655 15182 / 74026 15182

E-mail: elektrotec@codissia.com

Nippon Paint highlights Advanced Coil Coatings for a sustainable future at SMARTCOR 2026

Nippon Paint participated in SMARTCOR 2026 – 1st International Conference on Materials for Corrosion Resistance and Smart Control, held at CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar, and highlighting Advanced Coil Coatings for a sustainable future.

The premier, global platform united researchers, academia, industry, and innovators to collaborate and advance corrosion-resistant materials and smart control technologies for a sustainable future.

Representing the company, Subash Gaijes Selvaraj, President – Industrial Coatings, Nippon Paint India, delivered a technical presentation on ‘High-Performance Coil Coating Solutions for Pre-painted Steel’, highlighting the evolving role of advanced coating technologies in improving durability, corrosion protection, weather resistance, sustainability and lifecycle performance.

Mr Gaijes’ Presentation highlighted Nippon Paint’s global R&D capabilities, advanced exposure testing across diverse climatic conditions and an innovation-led ap-



proach to developing customised coating solutions. He also spoke about next-generation Fluoropolymer technologies, high-performance primer systems, functional coatings and sustainable solutions, including low-VOC, lead- and chromate-free coatings, cool roof technologies, and energy-efficient coating systems designed to meet the



EXHIBITIONS • FAIRS • SEMINARS

evolving needs of modern infrastructure.

Speaking at the conference, Subash Gaijes Selvaraj, President – Industrial Coatings, Nippon Paint India, said: “Industrial coatings have evolved beyond surface protection to become strategic enablers of asset performance, sustainability and lifecycle value. At Nippon Paint, we continue to leverage our global innovation legacy, R&D expertise and customer-centric approach to develop future-ready coating solutions that support India’s growing infrastructure and manufacturing sectors.”

Mr Gaijes also participated in an expert panel discussion on ‘Rust, Risk and Resolution: Advanced Practices in Industrial Corrosion Management’, where industry leaders discussed emerging technologies and best practices for enhancing asset protection and lifecycle performance.

SMARTCOR 2026 brought together researchers, industry experts and technology leaders to discuss advancements in corrosion prevention, materials science, and sustain-

able industrial technologies.

About Nippon Paint - Industrial Coatings (India): Nippon Paint’s Industrial Coatings Business, part of Nippon Paint India, offers advanced coating solutions for automotive, coil, protective, general industrial, CED, CAN, and speciality coating applications. Leveraging Japanese technology expertise, local manufacturing capabilities, and strong technical support, the business delivers high-performance solutions designed to enhance durability, corrosion resistance, aesthetics, and operational efficiency.

With a strong focus on innovation, sustainability, and customer collaboration, Nippon Paint Industrial Coatings develops customised coating systems that address evolving industry requirements while supporting improved product performance and manufacturing productivity. Backed by the global innovation legacy of the NIPSEA Group, the business continues to strengthen its position as a trusted partner to India’s growing manufacturing and industrial sectors.

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MIT-WPU Researchers Develop Solar Thermal Battery That Enables Hot Water Availability after Sunset

- Innovation stores solar heat using phase change material, reducing dependence on electricity and conventional fuels for water heating
- Technology demonstrates 55 % thermal efficiency and can retain usable heat for up to 12 to 14 hours after sunset

Researchers at MIT World Peace University (MIT-WPU) have developed a solar thermal energy storage system that enables hot water availability even after sunset by storing solar heat in a phase change material (PCM)-based thermal battery. The technology addresses one of the biggest challenges associated with solar energy—its intermittent availability—and has the potential to reduce dependence on electricity and fossil fuels for water heating applications.

Developed by Dr Anita Nene and Dr Rohit Ghadge from the Department of Mechanical Engineering, MIT-WPU, the system combines a Scheffler solar concentrator with a thermal storage capsule containing paraffin wax, a phase change material capable of storing and releasing large amounts of heat.

Unlike conventional energy storage systems that rely on electrochemical batteries, the proposed solution stores energy directly as heat. The system incorporates a detachable PCM tube, a water-jacket heat transfer mechanism, and polyurethane insulation to maximize heat retention and energy utilization.

According to the researchers, the technology achieved complete thermal charging in approximately 18 minutes and complete discharge in approximately 32 minutes during laboratory-scale testing. The system continued supplying hot water after solar input was removed, demonstrating its ability to provide thermal energy beyond daylight hours.

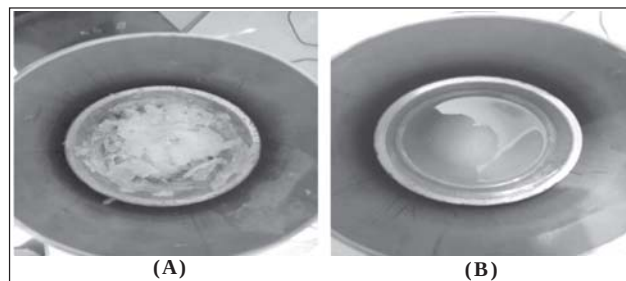
The prototype stores approximately 1.5 to 2 kWh of thermal energy and can maintain water temperatures between 50°C and 60°C for up to 14 hours after charging. Compared to conventional electric water heaters.

“One of the major limitations of solar energy is that it is available only when the sun is shining. Our objective was to develop a simple, cost-effective, and sustainable thermal storage solution that can store solar energy and make it available whenever required,” said Dr Anita Nene.

“Thermal energy accounts for a substantial share of over-



The researchers conducted Computational Fluid Dynamics (CFD) simulations alongside laboratory-scale validation to evaluate system performance.



The technology is currently at Technology Readiness Level (TRL) 7 and is being prepared for pilot deployments in real-world environments.

Potential applications include residential water heating systems, hotels, hospitals, hostels, educational institutions, industrial process heating facilities, community kitchens, agricultural operations, and off-grid rural communities.

An Indian patent application titled “Solar Energy Storage Capsule Using Phase Change Material” has been filed under Application No. 202521118546. The researchers are currently exploring collaborations with industry partners for pilot deployment and commercialization.

“The next phase of development will focus on field trials, performance optimization, and scale-up for commercial deployment,” said Dr Anita Nene. Lower carbon emissions by approximately 2.5 to 3 tons annually, contributing to India’s clean energy and sustainability goals.

About MIT-WPU:

MIT World Peace University (MIT-WPU), Pune, is a

all energy consumption. Technologies that enable efficient storage of solar heat can help reduce dependence on conventional fuels, improve energy security, and support the transition towards cleaner and more sustainable energy systems,” said Dr Rohit Ghadge.

prestigious world-class institution of higher education in India, embodying a distinguished legacy of 40+ years and committed to nurturing academic excellence. With an expansive global alumni network exceeding 1,00,000 accomplished professionals, MIT-WPU consistently demonstrates exceptional educational achievements. The university remains at the forefront of academic innovation, offering a comprehensive study of over 150 undergraduate and postgraduate programmes, each meticulously crafted to blend theoretical foundations with practical application.

Embracing an educational philosophy centered on experiential learning, MIT-WPU empowers students to transition knowledge into tangible skills for the real world seamlessly. This ethos is further reinforced through im-

mersive internships and invaluable mentorship opportunities, catalyzing profound personal and professional development.

We envision a future powered by education, innovation, and culture, one that is sustainable, inclusive, and fosters progressive societal transformation ("Powering the Future"). To achieve this, we cultivate a culture of excellence with three pillars: fostering exemplary leadership, prioritizing empathy and improving the present for all, and emphasizing interdisciplinary collaboration in our educational approach. Ultimately, we believe that true global peace and harmony can be reached through the concordant integration of Science and Spirituality.

More details: <https://mitwpu.edu.in/>

Gleason Corporation Appoints Bijal Thakkar as President and Chief Operating Officer

Gleason Corporation has appointed Bijal Thakkar as President and Chief Operating Officer, effective July 6, 2026.

With Bijal Thakkar's appointment, Gleason reinforces its commitment to long-term growth while remaining focused on delivering innovative solutions that help customers succeed in an increasingly dynamic global marketplace.

John J. Perrotti, Gleason Chairman and Chief Executive Officer, stated, "Bijal brings deep experience, strong energy, and a proven track record of leadership working for different multi-national manufacturing companies. I am confident she will play an important role in advancing Gleason's global leadership in gear technology and other key markets."

Bijal commented "I am honored to assume the role of President and COO of Gleason Corporation. Gleason has a remarkable legacy of technological leadership and customer focus. I look forward to working with our talented employees around the world to build on that success, deliver value for our customers and advance our strategic objectives."

Bijal Thakkar has more than 20 years of experience in senior strategic and business development positions across a broad range of manufacturing organizations. Most recently, she served as Vice President and General Manager of a major division at TE Connectivity. Earlier in her career, she held roles at Trane Technologies,

Johnson Controls, Siemens, and General Electric.

Gleason is a global leader in gear technology. Gleason's "Total Gear Solutions" range from gear and transmission design software to the development and production of gear manufacturing machines and related accessories, gear metrology equipment and automation systems.

Gleason products are used by customers in the automotive, commercial vehicle, aerospace, agricultural, energy, construction, power tool, marine, robotics, and many other industrial equipment markets.

Gleason has manufacturing facilities in the U.S., Brazil, Germany, Switzerland, Italy, UK, India, China and Japan, and operates sales and service offices in all major industrial hubs. For more information about Gleason Corporation, please visit www.gleason.com

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Bijal Thakkar

Company *News*

Syensqo breaks ground on manufacturing expansion at its site in Havre de Grace, MD, USA

Groundbreaking marks multi-million-dollar investment to strengthen aerospace composites production and support growing customer demand

Syensqo has broken ground on a manufacturing expansion at its Havre de Grace, Md., site, adding over 30% capacity through a multi-million-dollar investment in the company's U.S. manufacturing footprint. The expansion further strengthens Syensqo's global manufacturing network and its ability to support the growing aerospace market with advanced material solutions. The investment reinforces the company's commitment to supplying high-performance structural adhesives and surfacing products for commercial aerospace, defense, propulsion, space, advanced air mobility and automotive customers.

"Today's announcement marks an important milestone for our Havre de Grace Site and for Syensqo's continued growth in composite materials," said Rodrigo Elizondo, President, Syensqo Composite Materials. "This investment will strengthen supply reliability, improve efficiency and support our ability to meet growing customer demand for adhesive, bonding and primer materials. It follows and complements our previous capacity increase in Wrexham UK."

As aerospace remains Syensqo's largest end market, this investment reinforces the company's long-term commitment to supporting customers as they scale production. The expansion will further reinforce the Havre de Grace site's role locally and within Syensqo's global manufacturing network and its ability to support customers with high-performance materials.

About Syensqo

Syensqo is a science company developing groundbreaking solutions that enhance the way we live, work, travel and play. Inspired by the scientific councils which Ernest



Pictured (left to right): Michael Mohammed (Syensqo), Bill Martin, Mayor of Havre de Grace, Marc Doyle (Syensqo), Marc Cottman (Syensqo), Robert Gray (Syensqo), and Max Miller (Syensqo).

Solvay initiated in 1911, we bring great minds together to push the limits of science and innovation for the benefit of our customers, with a diverse, global team of more than 13,000 associates in 30 countries.

Our solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices and health-care applications. Our innovation power enables us to deliver on the ambition of a circular economy and explore breakthrough technologies that advance humanity.

Learn more at www.syensqo.com. syensqo.com

Industrial Products Source
August 2026:
Gears & Bearings, Motors & Drives
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Coromandel International Earns Responsible Care Certification Across its Manufacturing Plants

~ Joins a select group of companies meeting the global chemical industry's most rigorous standards of safety and stewardship, as recognized by the Indian Chemical Council ~

Coromandel International Limited, one of India's leading agri-solutions providers, has been awarded the Responsible Care Certification by the Indian Chemical Council (ICC), becoming one of a select group of companies globally to achieve this recognition. Valid from April 2026 to March 2029, the certification covers all 18 manufacturing facilities across the Company's Nutrients, Crop Protection Chemicals, Specialty Nutrients and Bio businesses.

Responsible Care is a globally recognized initiative of the chemical industry that promotes excellence in safety, health, environmental protection, product stewardship and security across the value chain. Administered globally by the International Council of Chemical Associations (ICCA) and implemented in over 70 countries, the framework helps companies strengthen responsible manufacturing practices and meet evolving stakeholder expectations.

Coromandel earned the certification following a comprehensive assessment and verification process led by the ICC. The Company undertook a structured improvement programme across its manufacturing operations, business functions and supplier ecosystem, with focused interventions in process safety, employee wellbeing, environmental performance, product responsibility, distribution safety and community engagement.

"This certification is a testament to Coromandel's consistent focus on responsible manufacturing and high safety standards. We are making significant investments to strengthen our safety systems and environmental practices and remain committed to upholding the highest standards across all our operations." said Mr S Sankarabramanian, Managing Director & CEO, Coromandel International Limited.

About Coromandel

Coromandel International Limited is amongst India's pioneers and leading Agri solutions provider, offering diverse products and services across the farming value chain. It operates in two major segments: Nutrient and other allied businesses and Crop Protection. These include Fertilizers, Crop Protection, Bio Products, Special-



ty Nutrients and Organic businesses. The Company is 2nd largest manufacturer and marketer of Phosphatic fertilizer in India. The Company's Crop Protection products are marketed in India as well as in international geographies, offering wide range of technical and formulation products. The Specialty Nutrients business of the Company focuses on water soluble fertilizers, secondary & micronutrients and Nano fertilizers products. The Company is leading marketer of Organic fertilizers in India. The Bio Products business of the company focusses on plant extractions for various applications. It also operates a network of more than 1200 rural retail outlets across Andhra Pradesh, Telangana, Karnataka, Tamil Nadu and Maharashtra. Through these Retail outlets, the Company offers agri inputs and farming services including crop advisory, soil testing and farm mechanization to around 3 million farmers. The Company currently has 8 R&D centers and a strong Regulatory setup, supporting the businesses in process development and new product introduction. The Company currently has 21 manufacturing facilities, spread widely across India, producing wide range of Nutrient and Crop Protection products, which are marketed through an extensive network of dealers and its own retail centers.

The Company clocked a turnover of Rs. 31,827 Crores during FY 25-26. Its efforts towards environment have been well recognized by international organizations like UNDP and has also been voted as one of the ten greenest companies in India by TERI.

For more details, visit www.coromandel.biz

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