

NEWS UPDATE

TEMPSSENS | AST | MARATHON

NEW PRODUCTS

Magnetic Thermocouple

Tempsens developed Magnetic Thermocouple used to measure surface temperature of ferrous materials. These are spring loaded, available with grounded or ungrounded flat tip construction. Temperature is limited to holding power of the magnet approx 400 °F



Magnetic Thermocouple

Banbury Thermocouple

Tempsens develop Banbury Thermocouple to measure temperatures in Banbury mixer prominently used in Rubber and Tyre industry.



Banbury Thermocouple

FURNACE & CALIBRATION

Muffle Furnace (1200 Deg C)

New High Temperature Muffle Furnace Introduced with a temperature range up to 1200 Deg C. Controlling Sensor used is 'N' type Thermocouple Duplex and temperature is controlled through Microprocessor Based PID temperature controller. Muffle in this furnace is made of ceramic and ultra high low thermal mass insulation is used.



Muffle Furnace

Calsys -196 to -80

Calibration Department has launched Calsys -196 to -80 which has stability of ±0.1 Deg. C with high vacuum.



Calsys -196 to -80

CABLES & WIRES

- Tempsens U#2 has developed low capacitance (<150pF/mtr) mineral insulated Triaxial cable for export job.
- Used for signal transmission (200 KHz) at high temperature environment (600 °C).



Triaxial Cable Mineral Insulated Cable

GAUGES

- Tempsens developed Differential Pressure Gauges used to check Differential Pressure of Gases & Liquids which do not have High Viscosity and do not Crystallize.
- PP Case Pressure Safety process gauge has been developed to ensure safety and a longer life than other comparable gauges.
- Used in steel, Cement & other industries



Differential Pressure Gauge



Safety Gauge

MARATHON HEATERS

Marathon focused on R&D and developed two new products.

- Special Miniature Mica Strip heater for . It has High temperature oxidation resistant metal sheath and highest grade mica insulation for providing excellent electrical insulation at high temperatures and is resistant to moisture.
- Cartridge Heater(4.6mm diameter) developed for 3D Printer application.



Miniature Mica Strip Heater



4.6mmD Cartridge Heater

AST NEW PRODUCTS

Ast Developed a Transmitter Pt-1000

- The PT1000 device can be configured to work in variety of industrial processes. The input sensor is configured to accept PT-1000 3-wire type RTD. The PT-1000 transmitter converts the signal into 4-20ma output proportional to the measured value.
- The Smart transmitter has USB communication , through which the sensor range can be changed
- Range: -100 to -650°C



Transmitter Pt-1000

EXHIBITIONS

HANNOVER MESSE 2017

- Participated at Hannover Messe 2017 held at Hannover - Germany. from 24th April to 28th April 2017.



Hannover Messe 2017

CHINA GLASS 2017

- Participated at China Glass 2017 held at Beijing- China from 24th-27th May 2017.



China Glass 2017

TRAINING & DEVELOPMENT

- Tempsens organised Learning Center Technical Seminar on "PTC 19.3.Helical Strake Design Thermowell" on 22nd April 2017.
- Surveillance audit conducted at Tempsens by TUV India

UPCOMING EXHIBITION

AUTOMATION EXPO 2017

9th - 12th August 2017

Mumbai - INDIA

Hall No. 1, Stand No. E - 48

IF YOU HAVE ANY FEEDBACK OR SUGGESTION MAIL US ON sales@tempsens.com

FOLLOW US ON:



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