

Sense NEWS

TEMPESENS | AST | MARATHON

NEW PRODUCT



FASTCAL 3000

Fastcal 3000 is a high-temperature blackbody source with a capacity to produce high temperatures using high emissivity emitter and at the same time stabilize at the required temperature within a few minutes.

It is mainly used to calibrate noncontact temperature sensors. In it, the remote setpoint is achieved via the RS-232 communication port.

Specifications

- **Temperature Range:** 500°C to 3000°C (932°F - 5432°F)
- **Wavelength:** 1000 nm or 1600 nm (Pyrometer)
- **Accuracy:** ± 0.25 % of set temperature ±1°C
- **Temperature Resolution:** 0.1°C
- **Emissivity:** 0.995 ±0.005
- **Temperature Stability:** ±1 °C...[read more](#)

HEAD-MOUNTED TEMPERATURE TRANSMITTER(0 to 10V)

The HTR (Head Mounted Temperature Transmitter(RTD PT-100)) provides highly accurate and stable 0 to 10V output in 4 wire technology. These transmitters convert the sensor signal into a 0 to 10V output proportional to the measured value. These transmitters can be used with 2wire & 3 wire RTD's(Pt-100).



Product Key Features

- Fix input - RTD Pt-100 with fix temp. range 0°C - 100°C
- 4-wire, 0-10V output
- 2 & 3 wire RTD input...[read more](#)



ELECTRIC HEATER FOR HNX APPLICATIONS

Used as an In-line heater for the Galvanizing lines of Steel, Zinc. It heats the hydrogen and nitrogen mixture from room temperature to process temperature.

Specifications

- **Operating temperature range:** 20°C (inlet) to 600°C (outlet)
- **Pressure Vessel:** SS310 with Forged Flanges and seamless pipe Body and Nozzles.
- **Heating Elements:** Alloy 800 seamless Outer tubes with Ni-Cr (80-20) as heating Coil.
- **Protection and Control:** One (min) Thermocouples for Element Skin Temperature control. One Thermocouple at Heater outlet for process temperature control
- **Control System:** PLC or Thyristor based.

CSR Activities

Training Programme on CPR and Management of common emergencies



Training on CPR and Management of common emergencies was conducted at Tempens training center for health and safety awareness. Training was given by Dr. Karuna Bhandari, MD (EX -CMO, HZL), Apollo Hospital Outreach Centre, Udaipur. 50+ participants took part in the training.

Walk by the Lake-Marathon



The walk started at 6:30 am from Fateh Sagar Rani road and concluded back in the same place. About 350+ people including male, female and kids participated in this event. As per our motto "GO GREEN: Plant trees, Save Nature- Save the World." Plants were distributed among all participants.

Upcoming Exhibitions

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Tempens Instruments would like your feedback about concerns, complaints and negative or positive experiences you've encountered while doing business with Tempens. Likewise, if you have suggestions about how we can improve our services, please share your ideas with us at:

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