

Sense NEWS

AST | TEMPSENS | MARATHON

NEW PRODUCTS

Spring Loaded Thermocouple

Tempsens developed Spring Loaded Thermocouple to suit new Aluminum Billet Surface thermocouple. The high quality probe uses a grounded sensing junction in thermocouple type K, J or T with class 1 accuracy. Common diameters are 6mm and 8mm. These consist of standard range of lengths and are manufactured specifically to suit your application.



Spring Loaded Thermocouple

Furnace & Calibration

Electric Oven

New customized electric oven introduced with a temperature range of about 450°C with useful dimension of 1350X500X3000 (HXWDX). It has sliding mechanism for easy insertion and removal of material from either side. Tubular heaters are used for obtaining uniform temperature. Inner chamber is made of Stainless Steel and Outer body is Mild Steel Powder coated.



Electric Oven

AutoCal System

The AutoCal system is developed for automatic calibration of thermocouples and RTDs. The auto calibration is completely handled by PC software which communicates with HMI and furnace simultaneously. According to pre defined temperature ranges maximum 12 thermocouple and 12 RTDs can be calibrated at a time. These system provide facility for data logging of all inputs through PC software.



AutoCal System

Marathon

Cartridge Heater with In-built RTD

Marathon has developed one special swaged Cartridge Heater with In-built RTD. Previously, only thermocouples were inserted inside cartridge heaters but now with Research and Development of marathon team we are now able to put RTD (PT-100) sensor inside heater brazed with copper wires for temperature sensing. It is one of the special design as engineers have to make sure that RTD element remains intact during swaging process while making heater to be perfectly compact for better heat transfer.



Cartridge Heater with In-built RTD

Quartz Immersion Heater

Second product developed by Marathon is Quartz Immersion Heaters. These heater have Heavy wall quartz sheath with replaceable heating element and outer PVC guard for quartz tube protection. These heaters are used for heating in most aqueous acidic plating solutions, pickling tanks all acids except hydrofluoric. The units can be mounted in any position to heat gases, generate steam, heat miniature high-temperature baths, use in table top vaporizers, micro-furnaces and other types of scientific apparatus.



Quartz Immersion Heater

AST

Miniature Digital On-Line Infrared Non-Contact Pyrometer

AST designed Miniature Digital On-Line Infrared Non Contact Pyrometer for low temperature application needs, ranging from 0°C to 1000°C. The highly recommended and OEM favourite model is perfectly suited for demanding industrial environment because of the compact size, and low maintenance. AST TL MICRO is particularly a tough competitor due to its high performance at very attractive economy range.



Miniature Digital On-Line Infrared Non-Contact Pyrometer

Participated in 500km European Peace Walk (EPW)

Tempsens Director Mr. Vinay Rathi and his daughter Tanya Rathi participated in 500Km European Peace Walk. Tanya was the youngest participant at 500km European Peace Walk, which began on 5th June and ended on 22nd June. This walk took them across 6 countries in a span of 17 days. Tempsens team congratulate her for her magnanimous effort which has brought laurels to Udaipur.



Mr. Vinay Rathi & Tanya Rathi at EPW

Upcoming Events

Tempsens is organizing Plant Distribution on Saturday, 8th July 2017, 5:30 pm at Tempsens Instruments (I) Pvt Ltd U# 1, Udaipur. We will be distributing plants to our employees and workers who are willing to plant a tree. It's a small effort from tempsens to make environment greener.



PLANT DISTRIBUTION

On Saturday, 8th July 2017, 5:30 PM

Venue : Tempsens Instruments (I) Pvt. Ltd. U# 1 (In-Front of Marathon)

Organised By
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