

Sense NEWS

TEMPSENS | AST | MARATHON

NEW PRODUCT

Triple Point Of Water Cell With Maintenance Apparatus

The triple point of water is the most important defining thermometric fixed point used in the calibration of thermometers. The triple point of water cell is used to create a thermal equilibrium between solid, liquid and vapor phases are independent of ambient pressure.



Calsys C-4004 High Accuracy Four Channel Temperature Indicator

Calsys C-4004 is fully characterized for all major sensors (thermocouples such as B, E, J, K, N, R, S, T and RTD's like PT-100, PT-50, PT-10, PT-200, PT-500, PT-1000). The instrument can be used in industries where high accuracy temperature measurement is essential. Two channel input provides A, B & A-B measurement on LCD Display.



On-Line Infrared Non-Contact Pyrometer in Two Wire Technology T3-250

T3-250 are rugged IR Pyrometers of class T series specially designed in two-wire technology to provide high performance and low maintenance of non-contact temperature measurement in demanding industrial environments. The models are designed for wide range of temperature measurements from 300°C till 1800°C.



TECHNICAL ARTICLE

Thermowells:

Thermowells are tubular housings in which temperature sensors are installed in industrial

processes. It is made up of a tube which is drilled and machined from a solid bar stock which is closed at one end and mounted in the process stream. Sensors such as Thermocouples and RTD's are inserted through the open end of the thermowell and are placed at the tip of the closed end. The open end is usually outside the process piping. The construction and specifications of the Thermowell are governed by an International Standard ASME (American Society of Mechanical Engineers) called PTC 19.3 TW.

Thermowells with Helical Strakes:

In some cases, helical strakes can be machined on the thermowell at the insertion length. These helical strakes obstruct the formation of vortices behind the thermowell which decreases the stresses caused due to vortex shedding. This style of design is usually found in Long Chimneys due to the presence of high-velocity air currents at higher altitude. The similar concept can be implemented on to Thermowells.



EXHIBITION



Middle East Electricity 2018 From 6th - 8th March 2018, Dubai.



Elecrama 2018 From 10th -14th March 2018, Noida.

CSR ACTIVITY



Cloth & Food Drive @ "Math Madri Kacchi Basti Area"

Tempsens team donated clothes and food to needy people and became the reason behind hundreds of genuine smiles. We Thank each & every person who contributed to our drive and made it a successful event.

UPCOMING EXHIBITION



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

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