

Sense NEWS

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New Development



CAL FAST 120

CAL FAST 120 offers a medium temperature range from -5°C to 120°C . It is a highly stable standard furnace for calibrating thermocouples / RTD. The CAL FAST 120 block is ideal for Industrial/Laboratory field use. It is a quick and easy-to-carry temperature calibrator for on site calibration.

[More](#)

Blog

Thermal Profiling System for Ceramic kilns



Ceramic kilns play an important role in the quality of products manufactured. The product ranges from ceramic sanitary wares to tiles industries. The output of a ceramic product will be drastically different if it is not burned at the proper temperature. It's also crucial to utilize the proper kiln for the production process.

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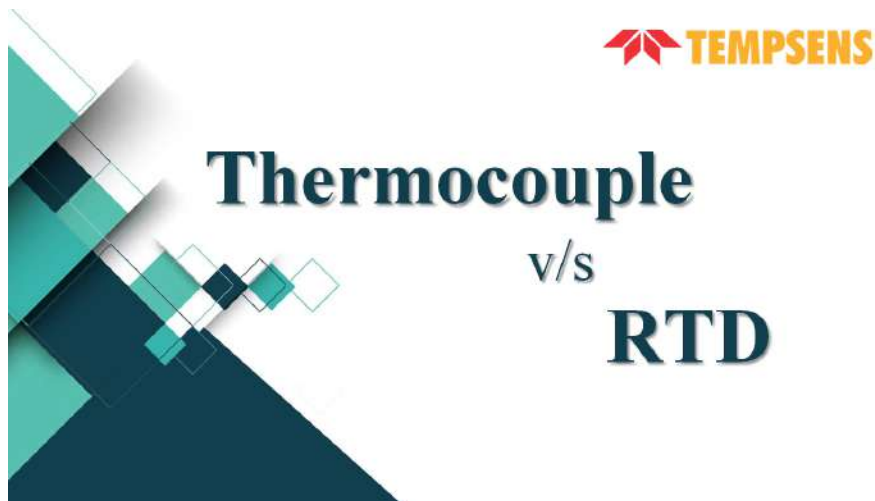
Fiber Bragg Grating Based Sensors



Fiber Bragg grating (FBG) sensor is light-weight, easily installed, and has multiplexing capability of sensing various parameters like temperature, strain, load, pressure, etc. on different points on the same sensor cable. FBG works as distributed Bragg reflector build on an optical fiber with the help of periodic variation in the refractive index of the single-mode fiber core.

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Video



Thermocouple verses RTD

Thermocouple and RTD are the most common sensor type used to measure temperature and a broad range of applications. Each technology has its own advantage and disadvantage, which makes them suitable or unsuitable for certain processes and applications. Compare Thermocouple and RTD, on basis of some factors like cost, temperature range, accuracy, response time, stability, and linearity.

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Upcoming Webinar



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UP COMING WEBINARS

WITH OUR TECHNICAL EXPERTS



24-11-2021

Furnace Monitoring System

-Mr. Sagar Jamdade

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