

Sense NEWS

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New Development



CAL FAST

CAL FAST series is ideal for industrial/ laboratory field use. It offers a medium temperature range from 50 to 350°C. This highly stable furnace is available in Dry Block Model for calibrating Thermocouples / RTD and Black Body Model is available for Pyrometer and IR thermometer. This is a fast, time-saving, and reliable true industrial temperature calibrator designed for onsite use.

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Fluorescence-Based Fiber Optic Temperature Sensors

A fluorescence-based fiber optic monitoring system conducts real-time monitoring to accurately measure the temperature of the transformer's winding hotspot and switchgear contact points. It is a single-point temperature sensor. It is suitable for work in a harsh environment like high pressure, high temperature, and strong electromagnetism.

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Blog

Extended Area Black Body



A blackbody is an idealized body that absorbs all incident electromagnetic radiation, The name "black body" is given because it absorbs radiation in all frequencies, not because it only absorbs, a black body can emit blackbody radiation.

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New Video on Youtube



Industrial and R&D Furnaces: By- Mr. Hardik Mehta

Tempsens manufacture both Industrial and Laboratory Furnace and Ovens for varied applications which include sintering, annealing, tempering, and calcination. The furnaces and ovens manufactured come in varied sizes and volumes as per the application requirement.

[View](#)



Temperature Black Body Calibrators: By- Mr. Lokendra Singh Rao

RTD's are temperature measuring sensors that use the resistance /temperature relationship of material to measure the temperature of a body. RTDs have higher accuracy and stability as compared to Thermocouples usually in the below 600 °C range.

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