

Sense NEWS

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New Development



Fiber Bragg Grating Sensor

Fiber Bragg Grating (FBG) works as distributed Bragg reflector (DBR) build on an optical fiber with the help of periodic variation in refractive index of the single mode fiber core.

[More](#)

SRU FO PL

SRU FO is a two channel model for measurement of refractory temperature, gas temperature and smart hybrid temperature. It is highly accurate digital Fibre Optic industrial IR Pyrometers, for non contact temperature measurement in demanding applications.

[More](#)

Blog

Temperature Measurement in Induction Forging



Induction heating is a non-contact process which uses the principle of electromagnetic induction to produce heat in a workpiece/object. When a conductive material placed into a strong alternating magnetic field, electric current flow in the material, and cause Heating.

[Read More](#)

New Video on Youtube



Two color infrared pyrometer and ratio pyrometer- By Mr. Sagar Jamdade

Two Color Pyrometer is operating at two separate shortest wavelength in the same instrument but both detectors measure the same hot object. It is also known as Ratio Pyrometer because it determines the temperature by forming the radiation ratio.

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