

Model HIP

Handheld Infrared Pyrometer

- Measures refractory temperature
- Insensitive to reaction gas radiation, absorption, and flame luminosity
- Multi-spectral measurement is accurate even if the sight path is partially occluded
Field of view identical to Delta Controls model HIR Pyrometer
- Compact, portable design
- Includes rugged carrying case

APPLICATION

The Claustemp Model HIP Handheld Pyrometer is a handy tool for trouble-shooting temperature measurement issues and for calibrating pyrometers in a Claus Thermal Reaction Furnace.

The HIP is specifically designed to read the refractory hot face temperature in a Claus Thermal Reaction Furnace.

It is designed to look into the optical window of most pyrometers and furnace sight ports.

The HIP pyrometer uses infrared wavelengths that are unaffected by combustion gases, allowing the pyrometer to measure refractory temperature while ignoring the effects of hot gases and flames. Dual wavelength sensing allows accurate temperature measurement even if the sight path is partially blocked by buildup or debris.



SPECIFICATIONS

Measurement Range:	300°C to 1700°C (572°F to 3092°F)
Readout:	LCD Display with backlight
Power Required:	3 'AA' Batteries
Ambient Temperature Limits:	-20°C to 70°C (-4°F to 158°F)



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