



# TEMPSENS

# Infrared Non-Contact Pyrometers

## Pyrometer for General Application, Aluminium & Glass Industries

### E SERIES

0°C - 2500°C



- Economic Price Range.
- Digital Pyrometer with extended Sensor Head.
- Analog & Digital output.
- USB output.
- Inbuilt LCD.
- Keypad for parameterisation.
- Single color & Two color model

### A SERIES

75°C - 3000°C



- Highly accurate, compact & economic
- Single & two color models
- Fast response time
- Laser targeting or through the lens view finder
- Analog & Digital output
- USB Output
- Small Spot Size
- Bluetooth for single color model

### AL SERIES

0°C - 2500°C



- Analog output & Digital output.
- USB Output.
- Laser Targeting.
- with thermopile sensors.
- Highly accurate
- Good stability

### FIBER OPTICS

250°C - 3200°C



- Digital Pyrometer with mono fiber optic cable.
- USB Output.
- Digital & Analog Output.
- Laser Targeting.
- Usable in high ambient temperature.
- Single color & Two color.
- Bluetooth for single color model

### GLASS PYROMETER

AST 450G2

600°C - 1800°C



- Special Pyrometer for glass industries.
- Two wire pyrometer with fibre optics
- Fully digital Analog and digital output.
- High optical resolution.
- USB output.
- Good stability

### A+ SERIES

300°C - 3000°C



- Highly accurate & Focusable pyrometer .
- Built-in digital display.
- Key pad for parameter setting.
- Single & two color model
- Through-lens view finder. Laser targeting light or video module.
- Bluetooth for single colour model

### T-SERIES

0°C - 2100°C



- Two/four wire technology for easy electrical connection
- Laser Light for precision targeting of the measuring object (for short wavelength models)
- Analog output & Digital output
- Small spot sizes
- Various spectral ranges

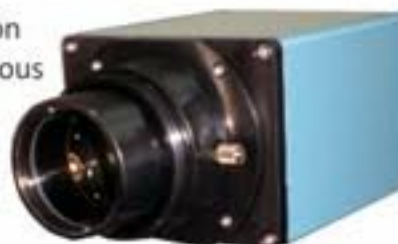
### ALUMINIUM PYROMETER

170°C - 1500°C

- Multiwavelength plug & play Ptrometer
- Simple to use(No calibration required)
- High Accuracy
- Capable of measuring targets with variable emissivity
- USB / Bluetooth communication

➤ Useful in :

- Aluminium extrusion
- Aluminium continuous casting
- Molten aluminium
- Aluminium forging
- Aluminium Rolling



### BLACK BODY

10°C - 1700°C



- Wide Operating Range.
- Digital self tuned PID Controller.
- Emmissivity 99±0.01%.
- PC interfacing.
- High Stability.

### P-GM

Portable Glass Mould Pyrometer

250°C - 600°C



- Fast, easy, single button measurement
- Measurement by contact - non contact method
- Portable and convenient
- interchangeable on site, with probes of different lengths and bends.
- Powerful data logging
- Comprising
- In-built charging

### IR - CAST 2C

700°C - 1700°C



- Rectangular field of view for molten metal
- Fast response time
- Two color model
- Analog output options available
- USB 2.0 Digital output and RS-232/RS-485 Serial interface
- Through the lens view finder sighting
- User friendly PC software for communication

### ML-SERIES

Micro Low Temperature Pyrometer

0°C - 1000°C



- Very Small Size
- Low Cost
- Fast Response
- TTL Output and Service Software
- Analog Output 2 wire/4wire, 4...20mA
- Bi-color status LED Indication (Blue, Red)
- Usable upto 180°C Ambient Temperature.
- Variety of Accessories

### PORTABLE

P250/P450

350°C - 1900°C



- Fast response time
- Focusable precision optics
- Temperature display in the view finder and on the multi function display
- Standard Bluetooth and USB Connectivity
- Small Spot Sizes
- Large data storage
- Keypad for selecting and changing of all available functions
- Numeric and Graphic LCD display
- PC software for communication

## Thermal & Cable Solutions

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