

AC3000 Infrared Thermometer



Features:

- Simple to use- no calibrations required
- High accuracy (1%) in real site conditions
- Capable of measuring targets with variable emissivity
- Measures, through smoke, dust, water vapor etc.
- Temperature range: 200 -600°C/390-1,110°F
- With special Optic 170-600°C/338-1,110°F
- Rugged design
- Full range of accessories
- Wide range of built-in functions

Application:

Aluminum Extrusion, Hot Rolling, Continuous casting
Forging

Performance:

- Temperature range: 200-600° C/390-1,110° F
- 170-600° C/338-1,110° F
- Emissivity range: 0.1 - 1.0
- Response time: 0.1-10 Sec
- Default value: 0.5 sec
- Accuracy and Repeatability: ±1%

Electrical specifications:

- Power supply: AC 100 -240V 50/60Hz 0.25 - 0.15 A
- Optional outputs: 4-20 mA, 0-20 mA, 0-10 V, RS -232, RS-422, RS485, Alarms, Profibus, Profinet

Optional:

- Display P110 monochrome single channel
- Display P300 color touch screen multi channel
- Scanning System PS3000.

Pointing laser source: Class II

Mechanical specifications:

- Sensor overall dimensions: 273 x 127 x 113.5 mm
- Sensor weight: ~3.5 kg

Ambient condition:

- Operating temperature range: 0° C +50° C
- Storage temperature range: 20° C +70° C
- Humidity: unlimited for the sensor head

Optics:

- Spot diameter: 20mm from a distance of 1 meter
- Different optics is available.

