



Accurate Sensors Technologies

AB3000 Infrared Thermometer

For Aluminum Billet



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: 300 -600°C, 572-1112°F
- Rugged design
- Full range of accessories
- Wide range of built-in functions

Performance:

- Temperature range: 300 -600°C, 572-1112°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: 24V (18 - 36V) DC 0.4A
- 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
 - 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: 10mm from a distance of 1 meter
- Different optics is available.



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