

AST

Accurate Sensors Technologies



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: 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

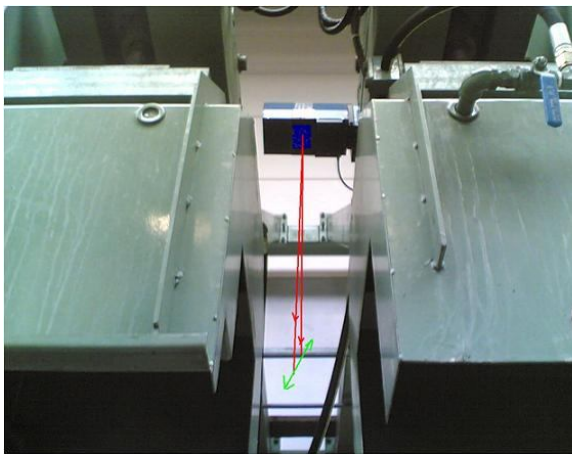
Storage temperature range: -20°C ° +70°C

Humidity: unlimited for the sensor-head

Optics:

Spot diameter: 20mm from a distance of 1 meter

Different optics is available.



Misgav Industrial Park , Misgav 20174,
ISRAEL Tel: +972-4-9990025,
Fax: +972-4-9990031 E-Mail: 3t@3t.co.il,
Web: www accuratesensors.com