

Portable pyrometers -60...2400°C



AST TCT 750



AST TI 1500



AST TI 2400

- Large LCD display with power backlight.
- Mini thermocouple socket up to 1400 °C
- Under memory mode, record & display the specific temperature with emissivity.
- Laser and backlight on/off control
- °C/°F switch mode

APPLICATIONS

Metal processing
Forging ,brazing
Rolling & welding
Preheating, tempering
Hardening
Founding
Sintering
Melting



*We Measure Temperature Accurately
even in extreme Conditions*

TECHNICAL SPECIFICATION

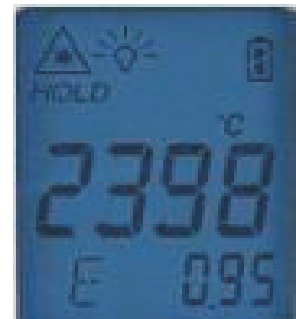
| Model | AST TCT 750 | AST TI 1500 | AST TI 2400 |
|-----------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Measurement range | -60.....750°C | -60.....1500°C | 200.....2400°C |
| Emissivity | 0.1 1 adjustable | 0.11 adjustable | 0.11 adjustable |
| Distance to spot size ratio | 30:1 | 50:1 | 100:1 |
| Spectral Range | 8.....14 μm | 8.....14 μm | 1.1.....3.7 μm |
| Accuracy & repeatability | ±2% of reading or 2°C, whichever is greater | ±2% of reading or 2°C, whichever is greater | ±2% of reading or 2°C, whichever is greater |
| Response time | 1 sec | 1 sec | 1 sec |
| Sighting | Single laser pointer | Dual laser pointer | Dual laser pointer |
| Operating temperature range | 0....50°C | 0....50 °C | 0....50 °C |
| Power | Battery-AAA x 2 | Battery-AAA x 2 | Battery-AA x 2 |
| Protection class | IP20 | IP20 | IP20 |
| Storage temperature | -30 to 70 °C | -30 to 70 °C | -30 to 70 °C |
| Dimensions & weight | 119.2 x 47.5 x 171.8mm, 255.7 grams | 47 x 197 x 203.3mm, 386 grams | 233.8 x 207.5 x 60.6mm, 550 grams |
| Other features | Backlit, Buzzer | Backlit, Buzzer, Flash LED, Thermocouple Input Socket Memory- Detailed 24 Memories with temperature & emissivity | Backlit, Buzzer, Flash LED, Thermocouple Input Socket Memory- Detailed 24 Memories with temperature & emissivity |



Optional inbuilt socket



Memory mode



Blue back light

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