

### Features

- Fast temperature measurement
- Integrated data logger with real time clock
- K type thermocouple Socket
- Large Multicolor LCD display with automatic back-light and keys for parameterization
- Min, Max & Avg. temperature indication
- Audible temperature alarm
- Adjustable Emissivity
- Laser on/off
- Auto off functionality
- Battery Indication



### Overview

TI-1500 portable digital pyrometer are specially designed for both non contact infrared and probe contact (K type thermocouple) temperature measurement. This instrument has a

LCD display, Small Spot Size.

This instrument is equipped with inbuilt laser to simplify the alignment of the pyrometer.



### Technical Specifications

Model	TI-1500
Temperature range	0°C to 1500°C
Emissivity	0.1 to 1.2
Spectral range	8....14 um
Distance to Spot Ratio	50: 1
Response time	200 msec
Battery life	100 hrs (without laser & back light)
Accuracy	1% of measured value (Non-Contact IR model)+2°C whichever is greater 0.3% of full scale (thermocouple type K probe mode)
Temperature Unit	°C/°F
Operating Temperature	0°C to 50°C
Power Supply	2x AAA battery, 1.5V
Laser Sighting	Single laser pointer
Data logging	1000 measured values of temperature
RTC	Yes
Buzzer	Yes : High & Low Temperature
Weight	370g
Dimensions	213mm x 66mm x 195mm
Tripod Thread	UNC ¼"

No Back Light



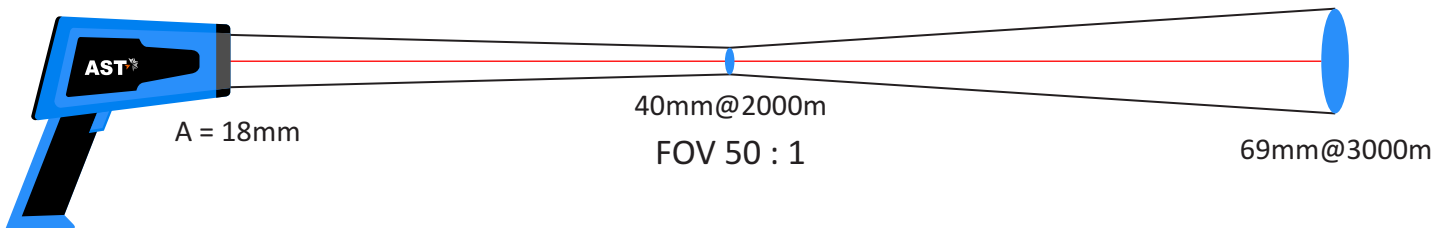
With Back Light



TI-1500

## Spot Sizes

TI-1500



## Application

TI-1500

- Plastic & rubber
- Ceramic
- Paper
- Textile
- Fluids
- Oxide/Painted metal surface
- Wood & glass industries



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