

TECEPTEC Infrared Thermometers

Infrared Thermometer



DIT-501A
CE
EMC-LVD

- DIT 501A as small as your wrist watch
- IR-SoC technology (infrared system on chip) and batch calibration technology drive the dimension and cost to the lowest limit
- Emissivity adjustable
- Max; Min and lock modes
- Equipped with a mini-stand, can monitor temperature continuously for hours
- Scale selection: Fahrenheit/Celsius available
- Battery-low warning: 1/4 battery life remained

Measurement range	-33°C to 220°C
Display resolution	0.1°C
Accuracy	Accuracy : 0.5°C when temp. object=15~35°C; temp. ambient =25°C, 2% or 2°C whichever is greater
D:S (Distance : Spot)	1:1
D:S (Distance : Spot)	
Emissivity	Emissivity: adjustable; default at 0.95
Response time	<1.0 sec (0~90% response)
Operating temp. range	32~122F (0~50°C)
General	
Power requirement	Battery CR2032 *1 unit
Dimension	67.8x36.7x18 mm (2.67" x 1.45" x 0.71")
Weight	0.88 oz(25g)
Accessories	Carrying case, owners manual, battery

Infrared Thermometer



CE
EMC-LVD

DIT-510 / DIT-512

- 20°C to 260°C (DIT-510)
- 20°C to 550°C (DIT-512)
- For simple one hand operation
- Auto power off function
- Valox housing to withstand accidental drops
- Detection element : thermopile
- Sighting : laser marker 1mW
- Backlit LCD display
- Analog output:1mV/°C (DIT-510)
- Emissivity (ε) : 0.95 (DIT-510),
- Emissivity (ε) : 0.01~ 1.00 (DIT-512)
- Max, Min record, set high, low limit beeper (DIT-512)
- D:S (Distance: Spot) = 10:1
- Auto-hold function after releasing MEAS button

Measurement range	-20°C to 260°C (DIT 510), -20°C to 550°C (DIT 512)
Display resolution	1°C
Accuracy	± 3% of reading or ± 3°C whichever is greater
Temperature coefficient	± 2% of reading or +/-2°C whichever is greater
Response time	1 Second
General	
Power requirement	1.5V(AAA size) battery x4
Dimension	170x44x40mm (6.7"x1.7"x1.6")
Weight	5.6 oz(160g)
Accessories	Soft carrying case and owners manual

Infrared Thermometer



CE
EMC-LVD

DIT-513 / DIT-515

- 30°C to 550°C (-22°F to 1200°F)
- For simple one hand operation
- Auto power off function 10 seconds
- Detection element: thermopile
- Backlit LCD display
- Field of view (D:S) 10: 1
- Emissivity: 0.95 (DIT-513); 0.1 to 1.00 (DIT-515)
- Accuracy: ± 2% or 2°C which ever is larger
- Auto-hold function after releasing triggering button
- Alarm beeper set function for both low and high temperature (DIT-515)
- Sighting: laser marker 1mW

Measurement range	-30°C to 550°C(-22°F to 1,200°F)
Display resolution	0.5°C, 0.5°F
Accuracy	±2% of reading or ±2°C whichever is greater
Temperature coefficient	±2% of reading or ±0.2°C whichever is greater
Response time	0.25 second
General	
Power requirement	9V Battery x1
Dimension	148x105x42mm (5.8"x4.1"x1.1")
Weight	5.2 oz(145g)
Accessories	One battery 9V, PVC sleeve, operation manual