

DIGITAL INFRARED THERMOMETER

Top end professional Digital Infrared Thermometer providing non contact surface temperature measurement of concrete mix temperature, bitumen temperature, starter fuses, bus connectors, plastic enclosed relays, insulated connectors or bendite enclosed relays, bearings, belts & shears, electrical connectors & cable installations.

TECHNICAL SPECIFICATIONS :

Function	ST-IRT300	ST-IRT500	ST-IRT1000
Temperature Range	-18°C~380°C	-18°C~550°C	-32°C~1050°C
Display Accuracy	±2°C or ±2%	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Display Resolution	0.1	0.1	0.1
Distance to Spot Size	10:1	12:1	50:1
Response Time	500mS(95% of reading)	250mS(95% of reading)	250mS(95% of reading)
Spectral Response	8µm to 14µm	8µm to 14µm	8µm to 14µm
Laser Power	Class I	Class 2(II) operation; Output<1mW, wavelength 630-670nm	
Display Hold	8 seconds	8 seconds	8 seconds
°C/°F Selection	✓	✓	✓
Emissivity	0.95	Digitally adjustable from 0.1 to 1.00 by 0.01	
Product Supply	Digital Infrared Thermometer Unit, 9V Battery, USB Cable, Software, Power Adaptor, User Manual & Soft Carry Case.		
Item Code	ST-IRT300	ST-IRT500	ST-IRT1000



ST-IRT300

FEATURES :

	ST-IRT300B	ST-IRT500	ST-IRT1000
Temperature Data Hold		✓	✓
Laser Switch		✓	✓
Scan Mode		✓	✓
Max/Min Temperature		✓	✓
High Alarm			✓
Low Alarm			✓
Data Logging			100 logs
T-C Thermocouple Measurement			✓
DIF/AVG Temperature		✓	✓
USB Data Transfer			✓
Backlight		✓	✓
Sleep Mode	✓	✓	✓
Tripod Mount		✓	✓
Low Battery Display		✓	✓
Battery Life		30hrs continuous usage	
Complies with EN61326-1EMC & EN60825-1 safety			



ST-IRT500

GENERAL CHARACTERISTICS :

		ST-IRT300B	ST-IRT500	ST-IRT1000
Power Source	9V Battery	✓	✓	✓
LCD Size		22 x 22 mm	32 x 29 mm	33 x 38 mm
Size	270 x 90 x 40 mm	208x76x30 mm	169 x 138 x 53 mm	200 x 130 x 53 mm
Weight	Battery Included	1850g	270 g	320 g



ST-IRT1000