



Model IR-L- 300 / Model IR-L- 550 / Model IR-L- 900 / Model IR-L-1000

APPLICATION

Infra Red Thermometer can be used in places where it is difficult for a normal temperature probe to reach or places where it is dangerous such as Heat Treatment Furnance , High Voltage Operating Plants, Molten Metal Temperature Monitoring, Kiln Temperature, Bearing Temperature, Energy Conservation, Scientific Experiment, Research & Development, Air conditioning, Petrochemicals, Automobile repair & Maintenance, Bus - Bar temperature in electrical control panels . It can be used for purposes where safety is important such as Gas pipelines, Automotive Industry, Clinical use, Electrical Panel etc.



Model IR-L- 300



Model IR-L- 550



Model IR-L- 900



Model IR-L-1000

SPECIFICATIONS

Models / Functions	IR-L-300	IR- L-550	IR- L - 900	IR - L - 1000
Distance to spot ratio	10 : 1	12 : 1	10 : 1	12 : 1
Temperature Range	-25°C~400°C	-25°C~560°C (-13°F~1040°F)	-30°C~550°C (-22°F~1022°F)	-50°C~999°C (-58°F~1830°F)
Accuracy	±(2%+2°C)	-25°C ~ -10°C (± 3°C) -10°C ~ 30°C (± 2°C) 30°C ~ 560°C (1.5% ±1°C) -13°F ~ 14°F (± 5°F) 14°F ~ 86°F (± 4°F) 86°F ~ 1040°F (2% ± 2°F)	±(2°C / 4°F): 30°C ~ 100°C (-22°F ~ 212°F) ±2%rdg : 100°C ~ 550°C	±3°C (±5°F) : -50°C ~ 20°C (-58°F ~ 4°F) ±2°C (±3°F) : -20°C ~ 100°C (-4°F ~ 212°F) ±2% : -100°C ~ 999°C (212°F ~ 1830°F)
Thermopile	6 ~ 14 m	6 ~ 14 m	6 ~ 14 m	8 ~ 14 m
Laser wave length	Red 630 ~ 670nm			
Laser Power out	≤1mW, Class 2 Laser product			
Repeatability	± 1°C (±2°F)	± 1°C (±2°F)	± 1°C (±2°F)	± 1°C (±2°F)
Resolution	1°C	0.2°C / 0.4°F	0.5°C / 1°C / 1°F	1°C / 1°F
Response Time	500ms	500ms	250ms	500ms
Auto power off	15 sec	15 sec	10 sec	6 sec
Emissivity	0.95	0.99/0.95/0.89/0.85/0.79/0.75	0.1 ~ 1.0	0.1 ~ 1.0
°C / °F selectable	Yes	Yes	Yes	Yes
Backlight	Yes	Yes	Yes	Yes
Laser Sight switchable	Yes	Yes	Yes	Yes
Max/Min/Avg/T	No	Yes	Yes	Yes
10 point memory	No	No	No	Yes
High / Low Alarm	No	No	Yes	Yes
Power Supply	9V Battery	9V Battery	9V Battery	9V Battery
Dimensions in mm	155 x 50 x 72mm	170 x 133 x 45mm	148 x 105 x 42mm	170 x 133 x 45mm
Weight	approx. 160gms.	approx. 187gms.	approx. 157gms.	approx. 187gms.

All Specifications are subject to change without prior notice