KUSAM-MECO
An ISO 9001:2000 Company

INFRA RED THERMOMETERS

IR-L-300

IR-L-550

IR-L-900

IR-L-1000

SPECIFICATIONS

	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	-20~300°C	-25°C~560°C(-13°F ~1040°F)	-30~550°C (-22~1022°F)	-50~999°C (-58 ~ 1830°F)
Accuracy	± (2% + 2°C)	± (1.5% + 1°C) ± (1.5% + 1°F)	±(2°C/4°F):30°C to 100°C (-22°F~212°F) ± 2%rdg :	±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	8 ~ 14 µm	6 ~ 14 µm	6 ~ 14 µm	8 ~ 14 µm
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	500 ms	500 ms	250 ms	500 ms
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	•	•	•	•
Backlight	•	•	•	•
Laser Sight Switchable		•	•	•
Max / Min / Avg / T		•	•	•
10 Point Memory				•
High / Low Alarm			•	•
Power Supply	9V battery	9V battery	9V battery	9V battery
Dimensions in mm	155 x 50 x 72 mm	170 x133 x 45 mm	148 x 105 x 42 mm	170 x 133 x 45 mm
Weight Approx.	160 gms. Approx.	187 gms.approx.	157 gms. Approx.	187 gms. Approx.

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.

It can be used for purposes where safety is involved such as Gas pipelines, Automotive Industry, Clinical use, Electrical Panel etc.

Note: All Specification are Subject to change.

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