

Infrared Thermometer



Pictures										
Models	GM270	GM320	GS320	GM300	GM550	GM300E	GM550E	GM500	GM700	GM900
page	P21	P21	P21	P22	P22	P23	P23	P24	P24	P24
Temperature Range	-32 ~ 280°C -26 ~ 536°F	-50 ~ 380°C -58 ~ 716°F	-50 ~ 360°C -58 ~ 680°F	-50 ~ 420°C -58 ~ 788°F	-50 ~ 550°C -58 ~ 1022°F	-50 ~ 550°C -58 ~ 1022°F	-50 ~ 550°C -58 ~ 1022°F	-50 ~ 550°C -58 ~ 1022°F	-50 ~ 700°C -58 ~ 1292°F	-50 ~ 900°C -58 ~ 1652°F
Accuracy	±1.5°C ±1.5%	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C
Repeatability	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C	1% or 1°C
Distance Spot Ratio	8:1	12:1	12:1	12:1	12:1	12:1	12:1	12:1	12:1	12:1
Emissivity	0.95	0.95	0.95	0.95	0.95	0.95	0.1~1.0 Ajustable	0.95	0.1~1.0 Ajustable	0.1~1.0 Ajustable
Resolution	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F
Response Time	500ms	500ms	500ms	500ms	500ms	500ms	500ms	500ms	500ms	500ms
Wavelength	5-14µm	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm
RS232 Recall	x	x	x	x	x	x	x	x	x	x
MAX/MIN/AVG/ DIF Reading	x	x	x	x	x	x	√	x	√	√
High/Low Temperature Alarm Set up	x	x	x	x	x	x	√	x	√	√
Data Store Recall Function	x	x	x	x	x	x	x	√	√	√
°C/°F Selection	√	√	√	√	√	√	√	√	√	√
Data Hold Function	√	√	√	√	√	√	√	√	√	√
Laser Target Pointer ON/OFF Selection	√	√	√	√	√	√	√	√	√	√
Backlight ON/OFF Selection	√	√	√	√	√	√	√	√	√	√
Auto Power Shut Off	√	√	√	√	√	√	√	√	√	√

Infrared Thermometer/Food Thermometer



Pictures										
Models	GM1150	GM1150A	GM1350	GM1650	GM1651	GM1850	GM2200	GM1500	GM1250	GM1311
page	P25	P25	P25	P26	P26	P27	P27	P28	P28	P29
Temperature Range	-50 ~ 1150°C -58 ~ 2102°F	-18 ~ 1150°C 0 ~ 2102°F	-30 ~ 1350°C -22 ~ 2462°F	200 ~ 1650°C 392 ~ 3002°F	-30 ~ 1650°C -22 ~ 3002°F	200 ~ 1850°C 392 ~ 3362°F	200 ~ 2200°C 392 ~ 3992°F	-30 ~ 1500°C -22 ~ 2732°F	-50 ~ 1250°C -58 ~ 1292°F	-50 ~ 300°C -58 ~ 572°F
Accuracy	±1.5°C ±1.5%	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±1.5%or ±1.5°C	±0.1°C/ ±1.5°C/ ±2°C
Repeatability	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	1% / 1°C	x
Distance Spot Ratio	20:1	50:1	50:1	50:1	50:1	80:1	80:1	50:1	20:1	x
Emissivity	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	0.1~1.0 Ajustable	x
Resolution	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	0.1°C/1°F	x
Response Time	500ms	500ms	500ms	500ms	0.5~0.8s	500ms	500ms	500ms	1.5s	x
Wavelength	8-14µm	8-14µm	8-14µm	8-14µm	8-14µm	900~1700 nm	900~1700 nm	5-14µm	8-14µm	x
Interface	x	x	x	x	USB	RS232	RS232	x	x	x
MAX/MIN/AVG/ DIF Reading	√	√	√	√	√	√	√	√	√	Max/Min
High/Low Temperature Alarm Set up	√	√	√	√	√	√	√	√	√	x
Data Store Recall Function	√	√	√	√	√	√	√	√	√	x
°C/°F Selection	√	√	√	√	√	√	√	√	√	√
Data Hold Function	√	√	√	√	√	√	√	√	√	x
Laser Target Pointer ON/OFF Selection	√	√	√	√	√	√	√	√	√	x
Backlight ON/OFF Selection	√	√	√	√	√	√	√	√	√	Backlight
Auto Power Shut Off	√	√	√	√	√	√	√	√	√	√

