Infrared Thermometer Specification Chart

Cat. No.	4475	4480	4481	4470	4472	4482	4375	4315	4483	4484	4485
Range °F	-7 to 230°F	-27 to 428°F	-67 to 482°F	-76 to 932°F	0 to 788°F	-76 to 932°F	–4 to 752°F	14 to 572°F	-58 to 1832°F	-58 to 1832°F	76 to 1022°F
Range °C	-22 to 110°C	-33 to 220°C	-55 to 250°C	-60 to 500°C	-20 to 420°C	-60 to 500°C	–20 to 400°C	-10 to 300°C	-50 to 1000°C	-50 to 1000°C	-60 to 550°C
Resolution	0.1°	0.1°	0.1°	0.1°	1°	0.1°	0.1°	0.1° or 1°	0.1° to 200, 1° over 200	0.1° to 200, 1° over 200	0.1°
Accuracy	±1°C between 15 to 40°C or ±1.5°C	±1°C + 2%	±1°C + 2%	±2°C + 2%	±2°C + 2%	±1°C + 2%	±3°C + 3%	±2°C + 2%	±1.5°C between –20 to 200°C	±1.5°C between –20 to 200°C	±2% or 2°C + 2%
Traceable® Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Field of View	1:1	1:1	6:1	11:1	8:1	11:1	7:1	7:1	50:1	50:1	12:1
Emissivity	0.95 fixed	0.95 fixed	0.05 to 1.00 in 0.01 steps	0.95 fixed	0.3 to 1.00 in 0.01 steps	0.1 to 1.00 in 0.01 steps	0.2 to 1; 0.01 steps	0.1 to 0.95 in 0.01 steps	0.95 fixed	0.1 to 1.00 in 0.01 steps	0.1 to 1.00 in 0.01 steps
Laser	N/A	N/A	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes (2)
Min/Max Readings	Yes	N/A	Yes	N/A	Yes	Yes	Yes	Yes	N/A	Yes	Yes
Average/Difference Readings	N/A	N/A	N/A	N/A	Yes	Yes	Yes	N/A	N/A	Yes	Yes
Hi/Lo Alarms	N/A	N/A	N/A	N/A	Yes	Yes	N/A	N/A	N/A	Yes	Yes
Hold	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Back-lit display	N/A	N/A	N/A	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes
Type-K Thermocouple Jack	N/A	N/A	N/A	N/A	N/A	Yes -64 to 1400°C	Yes - 100 to 1300°C	N/A	No	No	Yes
Thermocouple Probe Supplied	N/A	N/A	N/A	N/A	N/A	Yes	Yes	N/A	No	No	Yes
Computer Output (RS232)	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	No	No	No
Special Features	Key-chain	Pocket Clip /Strap/ Key-chain	Wrist strap	Trigger grip	9 memories	Trigger grip	Trigger grip	Probe 40-inch cable	Trigger grip	Trigger grip	Dual Laser sighting
Size (inches)	2½ x 1½ x ½	3¼ x ¾	4 x 2 x ¾	7 x 2 x1½	6 x 2 x 1¼	7 x 2¾ x 1½	7¾ x 4¾ 2-1/3	7¾ x 4¾ 2-1/3	9 x 4 x 2¼	9 x 4 x 2¼	7 x 3¾ x 2 inches
Weight (ounces)	1	¾	2¼	7	6	6	9-5/8	9-5/8	10	10	9