

IRTEK THERMOMETER

TABLE COMPARISON FOR IRTEK IR THERMOMETER

DATE OF ISSUE : JULY 2008

Model	Temp Range Deg C	D : S	Emissivity	Max, Min Avg, Diff	Hi Low Alarm	Other Combined Function	Case and others
Mini IR	-55 ~ +220	1 : 1	0.1 ~ 1	Yes	No		Deluxe Alu Case
IR36	-35 ~ +365	8 : 1	0.95	Max Only	No		No pouch
IR40	-50 ~ +400	9 : 1	0.95	No	No		Optional Soft Pouch
IR50i	-60 ~ +500	11 : 1	0.1 ~ 1	Yes	Yes	Type K	Soft pouch standard
IR80	-60 ~ +760	30 : 1	0.1 ~ 1	Yes	Yes	Type K	Soft pouch standard
IR100	-50 ~ +1000	50 : 1	0.1 ~ 1	Yes	Yes		Hard case standard
IR100e	-50 ~ +1000	50 : 1	0.1 ~ 1	Yes	Yes	0.5% Accuracy	Hard case standard
IR150	-50 ~ +1500	50 : 1	0.1 ~ 1	Yes	Yes	Dual laser beam / Type K	Hard case standard, Probe option
IR190	+800 ~ +1600	150 : 1	0.1 ~ 0.99	Yes	Yes		Hard case standard
IR160 - 2C	+800 ~ +1600	150 : 1	0.1 ~ 0.99	Yes	Yes	2 Colours	Hard case standard
IR300	+1000 ~ +2000	150 : 1	0.1 ~ 0.99	Yes	Yes		Hard case standard
IR200 - 2C	+1000 ~ +2000	150 : 1	0.1 ~ 0.99	Yes	Yes	2 Colours	Hard case standard
HVAC80	-40 ~ +500	8 : 1	0.3 ~ 1			Air temp, humidity, wet bulb	Hard case standard
LR1000	0 ~ +300	1000 : 1	0.6 ~ 1	No	No	4-20 mA output	Hard case standard
LR300	-20 ~ +280	300 : 1	0.1 ~ 1	Yes	Yes		Hard case standard
IR460	-20 ~ +280	3 : 1	Fix	Yes	Yes	Food Master	N/A
M450	ambient ~ +400		0.98				Black Body Calibrator

TABLE COMPARISON FOR IRTEK THERMO COUPLE PROBE

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Model	Max Temp Deg C	OD/L mm	Application
IM600C	600	3 / 300	Quick Response Immersion (air or liquid)
AIR400C	400	8 / 300	High Sensitivity (air or gas)
HIT1150	1150	6 / 600	Inconel Sheath for air or liquid. Not suitable for molten
TEF200C	200	4 / 300	Teflon coated for corrosive application
LEAF600C	600	10 / 150	Excellent contact for solid surface