



Mastercool[®] Inc.
"World Class Quality"

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THERMOMETERS

52224-A INFRARED THERMOMETER W/LASER

The 52224-A offers laser targeting accuracy, enhanced backlit LCD Display and an expanded temperature range. The compact design is simple to use and easy to store.
Temperature Range: -58°F to 932°F (-50°C to 500°C)
Field of View: 12 : 1

52224-C INFRARED THERMOMETER WITH DUAL LASER

Features both infrared and dual laser technologies.
Temperature Range: -76 to 1022°F (-60 to 550°C)
Field Of View: 12 : 1



52225-A DUAL TEMP PLUS INFRARED THERMOMETER

Features both infrared and contact thermometer technologies. Includes programmable HI/LO alarms and Lock Mode to capture temperature readings. The contact function offers a built-in K type jack and wire thermocouple.
Non-Contact Temperature Range: -76 to 1400°F (-60 to 760°C)
Field of View: 30 : 1

52225-B ULTRA TEMP DUAL LASER THERMOMETER

Features both infrared and contact thermometer technologies. Includes programmable HI/LO alarms, and Lock Mode to capture temperature readings. The built-in K type jack offers optional contact functions. Illuminates working area with built-in LED light.
Non-Contact Temperature Range: -76 to 1832°F (-60 to 1000°C)
Field of View: 50 : 1

SPECIFICATIONS:

Model #	52224-A	52224-C	52225-A	52225-B
Non-Contact Temperature Range:	-50 to 500°C (-58 to 932°F)	-60 to 550°C (-76 to 1022°F)	-60 to 760°C (-76 to 1400°F)	-60 to 1000°C (-76 to 1832°F)
Thermocouple Temperature Range:	-64 to 1400°C (-83 to 1999°F)			
Field of View:	12 : 1		30 : 1	50 : 1
Display Illumination:	Backlit LCD Color Display		Backlit LCD display	
Target Indicator:	Single Laser Spot	Dual Laser Spot	Single Laser Spot	Dual Laser Spot
Emissivity:	0.98	0.95	0.10 (10E) to 1.0 (100E)	0.95
Resolution:	0.5°F / 0.5°C		0.1°F / 0.1°C	
Modes:			MIN, MAX, DIFF & AVG	
Accuracy:	±2°C (4°F) or ±2% of reading		±2% of reading	
Response Time:	0.5 seconds		1 second	
Power Off:	Automatic after 15 seconds			
Battery Life:	14 hrs.	14 hrs.	14 hrs.	14 hrs.
Included Accessories:	2 AAA batteries, instruction manual, plastic molded carrying case		2 AAA batteries, 1m thermocouple probe, instruction manual, plastic molded carrying case	2 AAA batteries, instruction manual, plastic molded carrying case
Optional Accessories:	TESTERS AND TOOLS .COM Trust Experience Reliability sales@testersandtools.com		3m Wire Thermocouple Probe, Piercing Penetration Probe, Surface Probe, Air Probe	1m, 3m Wire Thermocouple Probes, Piercing Penetration Probe, Surface Probe, Air Probe, Removable Magnetic Base

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