



	Fluke 62 MAX	Fluke 62 MAX+	Fluke 64 MAX	Fluke 561	Fluke 566	Fluke 568/568Ex	Fluke 572-2
Temperature range	-30 to 500°C (-22° F to 932° F)	-30 to 650°C (-22° F to 1,202° F)	-30 to 600°C (-22° F to 1,112° F)	-40 to 550°C (-40° F to 1,022° F)	-40 to 650°C (-40° F to 1,202° F)	-40 to 800°C (-40° F to 1,472° F)	-30 to 900°C (-22° F to 1,652° F)
Distance to spot	10:1	12:1	20:1	12:1	30:1	50:1	60:1
Thermometer display	Digital Infrared	Digital Infrared	Digital Infrared	Digital Infrared	Digital Infrared	Digital Infrared	Digital Infrared
Accuracy	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Response time	<500 ms	<300 ms	<500 ms	<500 ms	<500 ms	<500 ms	<500 ms
Recommended distance to spot	Up to 2 m (6.56 ft)	Up to 2 m (6.56 ft)	Up to 2 m (6.56 ft)	Up to 2.5 m (6.56 ft)	Up to 4.5 m (14.76 ft)	Up to 7.5 m (24.6 ft)	Up to 9 m (29.52 ft)
Adjustable emissivity	•	•	•	•	•	•	•
MIN/MAX readings	•	•	•	•	•	•	•
AVG readings	•	•	•	•	•	•	•
DIF readings	•	•	•	•	•	•	•
Backlit LCD	•	•	•	•	•	•	•
Audible Hi/Lo alarm			•		•	•	•
Visible Hi/Lo alarm			•		•	•	•
Includes contact probe				•	•	•	•
Probe input (types)				Thermocouple K	Thermocouple K	Thermocouple K	Thermocouple K
Data logging (number of measurements)			99 points		20 points	99 points	99 points
PC interface						USB	USB 2.0
Software compatible						•	•

Recommended Applications



Plant/Facilities Maintenance
Preventive and Predictive Maintenance
Energy Audits
Vehicle and Fleet Maintenance Programs
Faulty Electrical/Circuit Connections
Petrochemical/Hazardous Locations
Motors, Pumps and Bearings



Heating/Ventilation/Air Conditioning/Refrigeration
Leaky Ductwork
Thermostats
Temperature Balancing
Steam Distribution Systems
Compressor Lines



Manufacturing Processes
Molding/Temperature Measurement
Printing
Paper and Converting
Thermofforming Plastics
Electronics
Paint Curing/Drying
Food
Chemical
Pharmaceutical



Safety and protection
Fire Localization
Hazardous Materials
Faulty Ballasts
Search and Rescue
Smoldering Embers
Equipment Maintenance