

Fluke 560 Series Infrared Thermometers



CE

Fluke 566 and 568 IR and Contact Thermometers

With a straight-forward user interface and soft-key menus, the Fluke 566 and 568 make even complex measurements easy. With just a few pushes of a button you can easily adjust emissivity, start data logging, or turn on and off alarms. With a rugged, easy-to-use design, the Fluke 566 and 568 can stand up to tough industrial, electrical, and mechanical environments.

- Measure up to 800 °C (1470 °F)
- Easily access advanced features with the soft-key buttons and graphical display
- Measure smaller objects from further away
- Compatibility with most type K thermocouples
- Confidently measure more surfaces, with adjustable emissivity and built-in materials table
- Log and download measurements for reporting (568)
- Two levels of backlight
- Audible and visual alarms alert you to measurements outside of set limits
- Min/Max/Avg/Dif functions
- Includes KTC bead probe
- 1 % measurement accuracy
- Versatile interface with six languages

Specifications

Models	Fluke 561	Fluke 566	Fluke 568
Infrared temperature range	-40 °C to 535 °C (-40 °F to 1022 °F)	-40 °C to 650 °C (-40 °F to 1200 °F)	-40 °C to 800 °C (-40 °F to 1470 °F)
Accuracy	greater of ± 1 % or ± 1 °C (2 °F)		
Distance to Spot (D:S)	12:1	30:1	50:1
Sighting	Laser point		
Typical distance to target	Up to 2.5 m (7 ft)	Up to 4.5 m (15 ft)	Up to 7.5 m (25 ft)
Probe type	Thermocouple K		
Contact temperature range	-40 °C to 550 °C (-40 °F to 1022 °F)	-270 °C to 1372 °C (-454 °F to 2501 °F)	
Number of on-board memory locations	—	20	99
PC download and software	—	—	Yes, with FlukeView® Forms
Soft-key feature menu navigator	—	Yes	
Min/Max/Avg/Dif	Min/Max/Dif	Min/Max/Avg/Dif	
English, French, Chinese, Spanish, Portuguese, German user interface	—	Yes	
Material type adjustment (emissivity)	Hi/Med/Lo	Material table or 0.1 to 1.00 by 0.01	
Two levels of backlight	—	Yes	
High and low alarms	—	High and low alarms	
Hands-free logging	—	—	Yes
Battery	2 AA		
Included case	Hard case (except 561/R and 561/P)	Hard case	
Warranty	Two-year		

Ordering information

Included accessories	Models
USB cable, FlukeView® Forms software, thermocouple type K bead probe, carrying case, two AA batteries, users manual, quickstart guide.	FLUKE-568 Infrared Thermometer
Thermocouple type K bead probe, carrying case, two AA batteries, users manual and quickstart guide.	FLUKE-566 Infrared Thermometer
Thermocouple type K pipe probe, carrying case, two AA batteries, users manual.	FLUKE-561 Infrared Thermometer
9 V battery, instruction sheet.	FLUKE-61 Infrared Thermometer

Specialty models

Fluke 561 Infrared and Contact Thermometer

The Fluke 561 combines the temperature measurement functions that professionals need for most HVAC and industrial jobs, all in one tool.

- Pipe probe for superheat and sub-cooling and other contact and ambient measurements
- Min/Max/Dif functions help you quickly identify problems
- Scan large areas or small objects quickly and efficiently



Fluke 61 Infrared Thermometers

- Easy to use one button operation
- Easy targeting with bright laser
- Shock-absorbing molding increases ruggedness
- Two-year conditional warranty
- Temperature measurement range up to 275 °C (525 °F)
- 8:1 optics
- Accurate to within ± 2 % of reading or 2 °C, whichever is greater
- Recommended optional carrying case, C25



Recommended accessories



80PK-11
Pipe Clamp Probe
See page 60



80PK-27
Industrial Surface
Temperature Probe
See page 60



80PK-8
Pipe Clamp Probe
See page 61



80PK-18
Pipe Clamp Probe Kit
See page 61



80PK-22
SureGrip™ Immersion Probe
See page 60



C1600
Gear Tool Box
See page 56

Check price and availability at
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