

TECHNICAL DATA

64 MAX, 62 MAX+ and 62 MAX IR Thermometers



Takes the heat, the dust and water and a 3 meter drop. And now, internal memory and unattended monitoring.

The Fluke 64 MAX, 62 MAX+ and 62 MAX IR Thermometers have the precision you need to do your job accurately and will not break the budget. Designed and tested to survive a 3 meter drop, you can count on these lightweight, compact infrared thermometers to work when you need them to work—even in the harshest environments and when you're not able to be there (64 MAX).

- Precise laser technology for more accurate and repeatable measurements
- Temperature accuracy of up to $\geq 0\text{ }^{\circ}\text{C}$: $\pm 1\text{ }^{\circ}\text{C}$ or $\pm 1\%$ of reading whichever is greater with 20:1 distance to spot ratio (64 MAX)
- Flashlight (64 MAX) and large, easy-to-read backlit LCD display for easy viewing even in dark environment
- IP54 rated for extra protection against airborne contaminants
- Get your tool to work when you can't—set time and desired interval between measurements and Auto Capture will capture spot temperatures unattended (64 MAX)
- 99 data point logging (64 MAX)
- Displays the minimum, maximum or average temperature, or the difference between two measurements
- Hi and Lo alarms for rapid display of measurements outside set limits
- The 62 MAX+ has dual rotating lasers to help you identify area to be measured. The measurement area is the spot between the dots (62 MAX and 64 MAX have 1).
- Small and lightweight, fits easily into your tool box

TEMPERATURE RANGE

64 MAX

-30 °C to 600 °C (-22 °F to 1112 °F)

62 MAX+

-30 °C to 650 °C (-22 °F to 1202 °F)

62 MAX

-30 °C to 500 °C (-22 °F to 932 °F)

TEMPERATURE ACCURACY

64 MAX

$\pm 1.0\text{ }^{\circ}\text{C}$ or $\pm 1.0\%$ of reading, whichever is greater
 $\pm 2.0\text{ }^{\circ}\text{C}$ at -10 °C to 0 °C
 $\pm 3.0\text{ }^{\circ}\text{C}$ at -30 °C to -10 °C

62 MAX+

$\pm 1.0\text{ }^{\circ}\text{C}$ or $\pm 1.0\%$ of reading, whichever is greater
 $\pm 2.0\text{ }^{\circ}\text{C}$ at -10 °C to 0 °C
 $\pm 3.0\text{ }^{\circ}\text{C}$ at -30 °C to -10 °C

62 MAX

$\pm 1.5\text{ }^{\circ}\text{C}$ or $\pm 1.5\%$ of reading, whichever is greater
 $\pm 2.0\text{ }^{\circ}\text{C}$ at -10 °C to 0 °C
 $\pm 3.0\text{ }^{\circ}\text{C}$ at -30 °C to -10 °C

DISTANCE:SPOT

64 MAX

20:1

62 MAX+

12:1

62 MAX

10:1

INTERNAL MEMORY


64 MAX

99 data point logging

AUTO CAPTURE

64 MAX

Specifications

	64 MAX	62 MAX+	62 MAX
Key features			
Temperature range	- 30 °C to 600 °C (-22 °F to 1112 °F)	- 30 °C to 650 °C (-22 °F to 1202 °F)	- 30 °C to 500 °C (-22 °F to 932 °F)
Accuracy (Calibration geometry with ambient temperature 23 °C +/- 2 °C)	± 1.0 °C or ± 1.0 % of reading, whichever is greater ± 2.0 °C at -10 °C to 0 °C ± 3.0 °C at -30 °C to -10 °C		± 1.5 °C or ± 1.5 % of reading, whichever is greater ± 2.0 °C at -10 °C to 0 °C ± 3.0 °C at -30 °C to -10 °C
Optical resolution	20:1 (calculated at 90 % energy)	12:1 (calculated at 90 % energy)	10:1 (calculated at 90 % energy)
Response time (95 %)	< 500 ms (95 % of reading)	< 300 ms (95 % of reading)	< 500 ms (95 % of reading)
Spectral response	8 to 14 microns		
Emissivity	0.10 to 1.00		
Display resolution	0.1 °C (0.2 °F)		
Repeatability (% of reading)	± 0.5 % of reading or ± 0.5 °C (whichever is greater)		± 0.8 % of reading or ± 1 °C (whichever is greater)
Auto Capture	Set time and interval to capture up to 99 measurements	-	
Internal memory	99 data point logging capability	-	
Flashlight	Yes	-	
Power	1 AA alkaline battery		
Battery life	30 hours with laser and backlight on	8 hours with laser and backlight on	10 hours with laser and backlight on
Weight	255 g (8.99 oz)		
Size	(175 x 85 x 75) mm (6.88 x 3.34 x 2.95) inches		
Operating temperature	0 °C to 50 °C (32 °F to 122°F)		
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F) (without battery)		
Operating humidity	Non- condensing @ ≤ 10 °C (50 °F) ≤ 90 % RH @ 10 °C (50 °F) to 30 °C (86 °F) ≤ 75 % RH @ 30 °C (86 °F) to 40 °C (104 °F) ≤ 45 % RH @ 40 °C (104 °F) to 50 °C (122 °F)		
Operating altitude	2000 meters above mean sea level		
Storage altitude	12,000 meters above mean sea level		
Drop test	3 meters		
Implement standard	Q/ASF01		
Standards and agency approval			
Compliance	IEC 61010-1: Pollution Degree 2		
Laser safety	IEC 60825-1 Class 2, 650 nm, < 1 mW		
Ingress protection rating	IP 54 per IEC 60529		
Warranty	3 years		

Ordering information

Fluke-64 MAX IR Thermometer
Fluke-62 MAX+ IR Thermometer
Fluke-62 MAX IR Thermometer

Included with product

IR Thermometer
 Printed instruction sheet
 Carabiner (62 MAX+ only)
 Product manuals available for download from fluke.com

Kits

Fluke T5-600/62 MAX+/1AC II
 IR Thermometer, Electrical Tester
 and Voltage Detector Kit
Fluke 62 MAX+/323/1AC
 IR Thermometer, Clamp Meter and
 Voltage Detector Kit

Fluke. *Keeping your world
 up and running.®*

Fluke Corporation
 PO Box 9090, Everett, WA 98206 U.S.A.
Fluke Europe B.V.
 PO Box 1186, 5602 BD
 Eindhoven, The Netherlands

**Modification of this document is not
 permitted without written permission
 from Fluke Corporation.**

For more information call:
 In the U.S.A. (800) 443-5853 or
 Fax (425) 446-5116
 In Europe/M-East/Africa +31 (0)40 267 5100 or
 Fax +31 (0)40 267 5222
 In Canada (800)-36-FLUKE or
 Fax (905) 890-6866
 From other countries +1 (425) 446-5500 or
 Fax +1 (425) 446-5116
 Web access: <http://www.fluke.com>

©2017 Fluke Corporation.
 Specifications subject to change without notice.
 1/2017 6008893a-en

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9