

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

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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>

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru