

# Fluke VT04 visual IR thermometer maintenance combo kit



## Nyckelfunktioner

- **Unlimited applications** – See [data sheet](#) for powerful applications and details
- **Built-in digital camera** – Every Fluke Visual IR Thermometer has a built-in digital camera
- **Exclusive thermal heat map blending overlay** – With one button, blend digital images and thermal heat maps to instantly show the exact location of the issue
- **No training required** - Fully automatic with built-in intelligence
- **True pocket size design** – Less than half the size of an average infrared camera
- **SmartView® reporting software** – Store up to 10,000 images per Gb on included SD card and make professional reports on included professional software
- **Automatic hot and cold spot trackers**
- **Breakthrough affordability** – Fraction of the cost of infrared cameras that require costly training and software
- **Powerful resolution with PyroBlend® Plus optics:**
  - Best-in-class field of view: 28 ° x 28 ° (40% wider for tight spaces)
  - 4 times sharper images
- **Alarm and time lapse features:**
  - **Hi/Lo temperature alarm** – Find hot spots in seconds with the alarm feature
  - **Time lapse image capture** – Automatically monitor equipment over time
  - **Automated monitoring alarm** – Automatically capture images after an alarm has been triggered

## Produktöversikt: Fluke VT04 visual IR thermometer maintenance combo kit

Mätarna VT04 och Fluke 1507 för isolationsresistans är idealiska att använda vid felsökning och förebyggande underhåll.

## Specifikationer: Fluke VT04 visual IR thermometer maintenance combo kit

### Fluke VT04 Visual IR Thermometer

Key Features	
Built-in digital camera	Yes
Thermal heat map overlay	Yes, five blending modes
Image optics system	PyroBlend® Plus optic *4x sharper image than VT02
Field of view	28° x 28°
Hi-Lo temperature alarms	Yes
Time lapse image capture	Yes
Auto-monitor alarm	Yes
Battery type	Li-Ion rechargeable
Training	No training required
Ergonomics	Slim pocket-sized design
Hot and cold markers	Yes
General Features	
Battery life	Eight (8) hours
Temperature measurement range	-10°C to +250°C (14°F to 482°F)
Temperature measurement accuracy	±2°C or ±2%
Temperature measurement	Yes, centerpoint
Storage medium (micro SD card)	Stores up to 10,000 images per Gb (4 Gb card included)
Infrared spectral band	6.5 µm to 14 µm
Level and span	Auto
Focus mechanism	Focus free, no training required with built-in intelligence
Focus options-exclusive user selectable NEAR/FAR options	NEAR < 23 cm (9 in); FAR > 23 cm (9 in)
Dimensions	21 x 7.5 x 5.5 cm (8.3 x 3 x 2.2 in); < 300 g (10.5 oz)
File format	.is2 format saved to SD card. User can create professional reports or export images in SmartView (BMP, DIB, GIF, SPE, FIF, JPEG, PNG, TIF and TIFF)

Safety and compliance	CFR47: 2009 Class A. Part 15 subpart B; CE: EN 61326:2006; IEC/EN 61010-1:2010
Warranty	Two (2) years

### Fluke 1507 Insulation Resistance Testers

AC/DC Voltage Measurement		
Accuracy	<b>Range</b>	600.0 V
	Resolution	0.1 V
	50 Hz to 400 Hz $\pm$ (% of Rdg + Digits)	$\pm$ (2% + 3)
Input impedance	3 M $\Omega$ (nominal), < 100 pF	
Common mode rejection ratio (1 k $\Omega$ unbalanced)	> 60 dB at DC, 50 or 60 Hz	
Overload protection	600 V rms or DC	
Earth Bond Resistance Measurement		
Range/Resolution	<b>20.00 <math>\Omega</math></b>	0.01 $\Omega$
	200.0 $\Omega$	0.1 $\Omega$
	2000 $\Omega$	1.0 $\Omega$
	20.00 k $\Omega$	0.01 k $\Omega$
Accuracy	$\pm$ (1.5% + 3)	
Overload protection	2 V rms or DC	
Open circuit test voltage	> 4.0 V, < 8 V	
Short circuit current	> 200.0 mA	
Insulation Specifications		
Measurement range	0.01 M $\Omega$ to 10 G $\Omega$	
Test voltage	50 V, 100 V, 250 V, 500 V, 1000 V	
Test voltage accuracy	+20%, - 0%	
Short circuit current	1 mA nominal	
Auto discharge	Discharge time < 0.5 second for C = 1 $\mu$ F or less	
Live circuit indicator	Inhibit test if terminal voltage > 30 V prior to initialization of test	
Maximum capacitive load	Operable with up to 1 $\mu$ F load	
Measure accuracy	<b>50 V</b>	$\pm$ (3% + 5)
	100 V	$\pm$ (3% + 5)
	250 V	$\pm$ (1.5% + 5)
	500 V	$\pm$ (1.5% + 5)
	1000 V	$\pm$ (1.5% + 5) to 2000 M $\Omega$ , $\pm$ (10% + 3) above 2000 M $\Omega$

General Specifications		
Maximum voltage applied to any terminal	600 V AC rms or DC	
Storage temperature	-40°C to 60°C (-40°F to 140°F)	
Operating temperature	-20°C to 55°C (-4°F to 131°F)	
Temperature coefficient	0.05 x (specified accuracy) per°C for temperatures < 18°C or > 28°C (< 64°F or > 82°F)	
Relative humidity	0% to 95% @ 10°C to 30°C (50°F to 86°F)	
	0% to 75% @ 30°C to 40°C (86°F to 104°F)	
	0% to 40% @ 40°C to 55°C (104°F to 131°F)	
Vibration	Random, 2 g, 5-500 Hz per MIL-PRF-28800F, Class 2 instrument	
Shock	1 meter drop per IEC 61010-1 2nd Edition (1 meter drop test, six sides, oak floor)	
Electromagnetic compatibility	In an RF field of 3 V/M, accuracy = specified accuracy (EN 61326-1:1997)	
Safety	Complies with ANSI/ISA 82.02.01 (61010-1) 2004, CAN/CSA-C22.2 NO. 61010-1-04, and IEC/EN 61010-1 2nd Edition for measurement category IV 600 V (CAT IV)	
Certifications	CSA per standard CSA/CAN C22.2 No. 61010.1-04; TUV per standard IEC/EN 61010-1 2nd Edition	
Batteries	Four AA batteries (NEDA 15A or IEC LR6)	
Battery life	<b>Insulation test use</b>	Tester can perform at least 1000 insulation tests with fresh alkaline batteries at room temperature. These are standard tests of 1000 V into 1 MΩ with a duty cycle of 5 seconds on and 25 seconds off.
	Resistance measurements	Tester can perform at least 2500 earth bond resistance measurements with fresh alkaline batteries at room temperature. These are standard tests of 1 Ω with a duty cycle of 5 seconds on and 25 seconds off.
Size (H x W x L)	5.0 x 10.0 x 20.3 cm (1.97 x 3.94 x 8.00 in)	
Weight	550 g (1.2 lb)	
IP rating	IP40	
Altitude	<b>Operating</b>	2000 m CAT IV 600 V, 3000 m CAT III 600 V
	Non-operating (storage)	12,000 m
Over-range capability	110% of range	
Included accessories	TL224 Test Leads, TP74 Test Probes, clips PN 1958654 (red) and PN 1958646 (black), holster and remote probe	

## Modeller



### **Fluke VT04-Maint-Kit**

Fluke VT04 Visual IR Thermometer Maintenance Combo Kit

Innehåller:

- VT04 Visuell IR-termometer
- 1507 isolationsresistansmätare

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

**Fluke Sverige AB**  
c/o Gilbarco Veeder-Root  
Johannesfredsvägen 11 A  
16869 Bromma  
Tel: 08 5663 7400  
E-mail: [cs.se@fluke.com](mailto:cs.se@fluke.com)  
[www.fluke.se](http://www.fluke.se)

©2022 Fluke Corporation. Med ensamrätt. Data kan komma att ändras utan föregående meddelande.  
01/2022

**Ändringar får inte göras i det här dokumentet utan skriftligt medgivande från Fluke Corporation.**