

*Introducing the rugged and affordable  
new tool for Electrical Inspection*

## **Fluke Ti9 ELECTRICAL - Thermal Imager**

For Electrical and Electro-Mechanical Applications

**R 55,940**

Ex VAT



**Coast to Coast  
Cape**

Unit A3, Platinum Junction, Platinum Road, Milnerton, 7441

[ddavieda@telkomsa.net](mailto:ddavieda@telkomsa.net)

Telephone: (021) 552 3379

Sharecall: 08600 FLUKE

Facsimile: (021) 552 9276

Mobile: 083 631 6760

### **Pinpoint potential problems the fast and easy way**



The new Fluke Ti9 ELECTRICAL Thermal Imager offers a superior image quality, unmatched ruggedness, and unique ease-of-use at a breakthrough price point for the commercial or residential electrician or the electrical technician.

This quality thermal imager provides a large, full thermal image of many potential problems in installation, repair, and repair verification of most types of electrical and mechanical equipment... at a value and overall performance that is unmatched by the competition!

**FLUKE®**



### **Upgrade Path**

Fluke Ti9 can be upgraded to a Fluke Ti10 with IR-Fusion® advanced image analysis and reporting capabilities. at a cost of **R 26,798-00 ex VAT**

Upgrades are only performed at the European Service Center in Eindhoven, The Netherlands.

### **Fluke Ti9 ELECTRICAL Features and Benefits:**

- Rugged and Reliable: Engineered to withstand a 2 meter (6.6 feet) drop for maximum ruggedness
- Excellent thermal sensitivity for seeing even small temperature differences (which could indicate problems)
- 640 x 480 large 3.6" diagonal color LCD display (landscape format)
- Temperature measurement ranges for most Industrial and Commercial applications
- SmartView™ analysis and reporting software (with free upgrades through life of product)
- Removable 2 GB SD Memory Card for easy storage and transfer of thermal images
- Complete solution includes hardware and software to get you going
- Two-year warranty for peace-of-mind and dependability
- Upgradeable to a Ti10 with IR-Fusion® capabilities

## Product Specifications for Fluke Ti9 ELECTRICAL:

<b>Fluke Ti9 ELECTRICAL Thermal Imager</b>	
<b>Imaging performance</b>	
Thermal: Field of View (FOV)	23° horizontal x 17° vertical
Minimum focus distance	Thermal lens: 15 cm
Thermal sensitivity (NETD)	≤0.2 °C at 30 °C (200 mK)
Minimum span (Auto/Manual)	10 °C/5 °C
Focus	Manual, one-handed focus capability
Detector size	160 x 120 (FPA Microbolometer)
Visual (Visible light) camera	640 x 480 pixels, full color
<b>Temperature measurement</b>	
Temperature range	-20 °C to +250 °C (-4 °F to +482 °F)
Accuracy	± 5 °C or 5 % (whichever is greater)
Measurement modes	Center point
<b>Image presentation</b>	
Digital display	9.1 cm (3.6 in) diagonal landscape color VGA (640 x 480) LCD
LCD backlight	Selectable bright or auto
Palettes	Ironbow, blue-red, high contrast, greyscale
<b>Image and data storage</b>	
Fully radiometric	Yes
Storage medium	2GB SD card stores up to 3000 .bmp or 1200 .IS2 images
File formats supported	Exportable to JPEG, BMP, GIF, PNG, TIFF
<b>Software, Controls, and Adjustments</b>	
	SmartView ; Full analysis and reporting software included
Set-up controls	Date/time, °C/°F, language
Language selection	English, German, French, Spanish, Portuguese, Italian, Swedish, Finnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese
Image controls	Smooth auto scaling and manual scaling
On-screen indicators	Battery status, real time clock and center point temperature, range, level and span indication
<b>Power</b>	
Battery type	Internal rechargeable battery (included)
Battery operating time	3 to 4 hours continuous operation
Battery charging	2 hours with ac charger or dc car charger (charges battery while operating)
AC operation	AC adapter/charger 110/230 V ac, 50/60 Hz
Power saving	Automatic shutdown and sleep modes
<b>Environmental and mechanical design</b>	
Operating temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Storage temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Relative humidity	Operating and storage 10 % to 90 %, non-condensing
Water and dust resistant	IP54
Two meter (6.6 feet) drop test	Yes
Protective lens cover	Yes
Weight (including battery)	1.2 kg (2.6 lbs)
Imager size (HxWxD)	267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in)
<b>Other</b>	
Warranty	Two-years
EN 61010-1 2nd edition and EN61326-1	Yes