FLIR VT8–1000

P/N: VT8-1000

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Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



Part number	VT8-1000
Part name	Voltage, Continuity and Current Tester
Part description	The VT8 Volt Continuity Amp electrical tester from FLIR is the latest in a series of innovative, high quality and reliable T&M instruments that are easy to use. The optimized Jaw design allows the VT8 to fit into tight spaces while at the same time measuring large diameter cables. Compact design and extensive measurement features makes the VT8 your 'go to' meter; carry it in your pocket and be ready to troubleshoot a wide range of systems and problems in your facility. Two models to choose from, the VT8-600 carries a CAT III-600V/ CAT IV-300V safety rating, the VT8-1000V is CAT III-1000V/ CAT IV-600V rated. The VT8-600/1000 is the right choice for electricians and service techs performing troubleshooting and verification of electrical installations and systems within commercial and light/industrial facilities.

Electrical measurement	
True RMS voltage and current	Yes
Auto-ranging	Yes
AC A Range/Resolution/ Accuracy	200.0 A RMS, 50–60 Hz/ 0.1 A/ ± (2.5%)
DC A Range/Resolution/ Accuracy	200.0 A/ 0.1 A/ ± (2.5%)
AC Volts Range/ Resolution/ Accuracy	1000 V RMS, 45-66 Hz/ 0.1 V/ ± (1.5%)
DC Volts Range/ Resolution/ Accuracy	1000 V DC/ 0.1V/ ± (1.0%)
Resistance	60.00 MΩ ± (1.5%)

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Electrical measurement	
Continuity check threshold	10 Ω to 100 Ω
Capacitance	600 µF ± (4.0%), 6000 µF ± (10.0%)
Non-Contact Volt Detector (NCV)	>100Vrms; <10 mm distance (LED/Buzzer alerts)
Additional measurement functions	DCA zero, Relative mode (AC/DC voltage, AC Current, and Capacitance), data hold

General	
Worklights	White LED
Jaw opening	15.5 mm (0.61 in.)
Display	6000 count backlit multi-function LCD
Display rate	3 times per second, approximately
Polarity	Automatic display of positive and negative polarity
Over- range indication	"OL" or "-OL" displayed
Auto power off	After 15 minutes
Power source	2 x AA alkaline batteries
Low battery indication	Battery symbol is displayed when batteries need changing

Environmental data	
Operational temperature	-10 to 50°C (14 to 122°F)
Relative Humidity	95% max; 5-30°C (41-86°F) 75% max; 30-40°C (86-104°F) 45% max; 40-50°C(104-122°F)
Storage temperature	–30 to 60°C (-22 to 140°F) (batteries not installed)
Temperature coefficient	0.2 × (specified accuracy)/°C, <18°C (64.4°F), >28°C (82.4°F)
Operating altitude	2000 m (6562 ft.)
Pollution degree	2
Drop test	2 m (6.6 ft.)

Physical data	
Dimensions (W × H × D)	210 × 53 × 35 mm (8.27 × 2.1 × 0.67 in.)
Weight	163.7 g (5.7 oz.) including batteries

Other	
Warranty	https://www.flir.com/testwarranty

Certifications	
Agency approvals	C-UL-US, CE, RCM
Safety standards	EN 61010-1, EN 61010-2-032, EN 61010-2-033
Safety category rating	CAT IV-600 V, CAT III-1000V

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Shipping information	
Packaging type	Gift box with multi colored printed sleeve
Packaging contents	VT8-1000, Silicone type Test Leads, Carrying Pouch, 2x AA Alkaline batteries, Quick Start guide, Warranty/ Product line card
Packaging weight	0.29 kg (0.64 lb.)
Packaging dimensions (H × W × L)	15.0 × 7.9 × 28.7 cm (5.9 × 3.1 × 11.3 in.)
Master carton weight	5.4 kg (11.9 lbs)
Master carton dimensions (H × W × L)	47 × 31 × 41.5 cm (18.5 × 12.2 × 16.3 in.)
Master carton quantity	15
UPC	793950386019
EAN	0793950386019
Country of origin	CN
Tariff code	9030333800

Technical support	
Website	http://support.flir.com

Included in the box
VT8-1000, Silicone type Test Leads, Carrying Pouch, 2x AA Alkaline batteries, Quick Start guide, Warranty/ Product line card

Supplies & accessories:

- TA15; Universal Soft Sided Case
- TA55; AC Current Line splitter
- TA70; CAT IV Insulated Alligator Probes
- TA83; Replacement Test Leads for VT8 Series