

P/N: VT8-600

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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| | |
|------------------|--|
| Part number | VT8-600 |
| Part name | Voltage, Continuity and Current Tester |
| Part description | <p>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.</p> <p>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.</p> <p>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.</p> |

| Electrical measurement | |
|--------------------------------------|--|
| True RMS voltage and current | Yes |
| Auto-ranging | Yes |
| AC A Range/Resolution/ Accuracy | 100.0 A RMS, 50-60 Hz/ 0.1 A/ ± (2.5%) |
| DC A Range/Resolution/ Accuracy | 100.0 A/ 0.1 A/ ± (2.5%) |
| AC Volts Range/ Resolution/ Accuracy | 600 V RMS, 45-66 Hz/ 0.1 V/ ± (1.5%) |
| DC Volts Range/ Resolution/ Accuracy | 600 V DC/ 0.1V/ ± (1.0%) |
| Resistance | 60.00 MΩ ± (1.5%) |
| Continuity check threshold | 10 Ω to 100 Ω |
| Capacitance | 600 μF ± (4.0%), 6000 μF ± (10.0%) |



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| | |
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| Electrical measurement | |
| Non-Contact Volt Detector (NCV) | >100Vrms; <10mm 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 x (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 x H x D) | 210 x 53 x 35 mm (8.27 x 2.1 x 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-300 V, CAT III-600 V |
| Shipping information | |
| Packaging type | Gift box with multi colored printed sleeve |
| Packaging contents | VT8-600, 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 x W x L) | 15.0 x 7.9 x 28.7 cm (5.9 x 3.1 x 11.3 in.) |
| Master carton weight | 5.4 kg (11.9 lbs) |
| Master carton dimensions (H x W x L) | 47 x 31 x 41.5 cm (18.5 x 12.2 x 16.3 in.) |



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| Shipping information | |
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| Master carton quantity | 15 |
| UPC | 793950386002 |
| EAN | 0793950386002 |
| Country of origin | CN |
| Tariff code | 9030333800 |

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

| Included in the box |
|---|
| VT8-600, 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