

# T5-600

## Continuity, Current and Voltage Tester

### Technical Data

#### Electrical tester with OpenJaw™ current

The Fluke T5 Electrical Testers let you check voltage, continuity and current with one compact tool. With the T5, all you have to do is select volts, ohms, or current and the tester does the rest. OpenJaw™ current lets you check current up to 100 A—without breaking the circuit. Its tough test leads stow neatly in the back of the tester, making it easy to carry the T5 in your tool bag. Detachable SlimReach™ test probes are customized for electrical standards. The test leads accept optional accessories such as clips and specialty probes. The optional H5 holster lets you clip the T5 onto your belt.

#### Features

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000  $\Omega$
- Easy and accurate OpenJaw™ current measurement
- Continuity beeper
- Compact design with neat probe storage
- Rugged enough to withstand a 3-meter drop
- Detachable SlimReach™ probe tips are customized for national electrical standards
- Test leads accept Fluke accessory test clips
- Overvoltage category: 600 V ac/dc, CAT III
- Stay connected much longer than solenoid type tester
- Auto off mode to conserve battery life
- Optional holster attaches to a belt and neatly stows test leads



| Features                              |                                                                                                                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC current                            | •                                                                                                                                                                                                                                                       |
| AC voltage                            | •                                                                                                                                                                                                                                                       |
| Resistance                            | •                                                                                                                                                                                                                                                       |
| Continuity                            | •                                                                                                                                                                                                                                                       |
| DC volts                              | •                                                                                                                                                                                                                                                       |
| Display hold                          | •                                                                                                                                                                                                                                                       |
| Auto off                              | •                                                                                                                                                                                                                                                       |
| Specifications                        |                                                                                                                                                                                                                                                         |
| Jaw opening                           | 12.9 mm (0.5 in)                                                                                                                                                                                                                                        |
| Max wire size                         | 1/0 THHN Cable                                                                                                                                                                                                                                          |
| Current range ac rms                  | 0 to 100.0 A                                                                                                                                                                                                                                            |
| Accuracy ac current (50/60 Hz)        | 3 % $\pm$ 3 counts                                                                                                                                                                                                                                      |
| AC Response                           | Averaging                                                                                                                                                                                                                                               |
| Voltage range ac                      | 0 to 600 V                                                                                                                                                                                                                                              |
| Accuracy ac voltage                   | 1.5 % $\pm$ 2 counts                                                                                                                                                                                                                                    |
| Voltage range dc                      | 0 to 600 V                                                                                                                                                                                                                                              |
| Accuracy dc voltage                   | 1 % $\pm$ 1 count                                                                                                                                                                                                                                       |
| Resistance range                      | 0 to 1000 $\Omega$                                                                                                                                                                                                                                      |
| Continuity beeper threshold           | On at $<25 \Omega$ , off at $>400 \Omega$                                                                                                                                                                                                               |
| Volts indicator LED threshold         | Guaranteed on by 30 V ac                                                                                                                                                                                                                                |
| Environmental specifications          |                                                                                                                                                                                                                                                         |
| Operating temperature                 | -10 °C to 50 °C                                                                                                                                                                                                                                         |
| Storage temperature                   | -30 °C to 60 °C                                                                                                                                                                                                                                         |
| Humidity (without condensation)       | 0 % to 95 % (5 °C to 30 °C); 0 % to 75 % (30 °C to 40 °C);<br>0 % to 45 % (40 °C to 50 °C)                                                                                                                                                              |
| Dust/water resistance                 | Yes                                                                                                                                                                                                                                                     |
| Operating altitude                    | 2000 meters max                                                                                                                                                                                                                                         |
| Temperature coefficient               | 0.1 x (specified accuracy)/°C ( $<18 \text{ }^{\circ}\text{C}$ or $>28 \text{ }^{\circ}\text{C}$ )                                                                                                                                                      |
| Safety specifications                 |                                                                                                                                                                                                                                                         |
| Overvoltage category                  | CAT III 600 V ac/dc (EN61010-1)                                                                                                                                                                                                                         |
| Agency approvals                      | CSA, TUV and CE                                                                                                                                                                                                                                         |
| Maximum voltage                       | Between any terminal and earth ground                                                                                                                                                                                                                   |
| Mechanical and general specifications |                                                                                                                                                                                                                                                         |
| Size                                  | 30.5 mm x 51 mm x 203 mm                                                                                                                                                                                                                                |
| Weight                                | 300 g                                                                                                                                                                                                                                                   |
| Warranty                              | Two-years                                                                                                                                                                                                                                               |
| Battery life                          | 200 hour zinc chloride, 400 hour alkaline                                                                                                                                                                                                               |
| Battery type                          | 2 x AA                                                                                                                                                                                                                                                  |
| Low battery indicator                 | Yes                                                                                                                                                                                                                                                     |
| Current sensor opening                | 12.9 mm                                                                                                                                                                                                                                                 |
| Calibration cycle                     | One-year                                                                                                                                                                                                                                                |
| Test leads                            | <b>Type:</b> Heavy duty, flexible leads rated for 1000 V use<br>Field replaceable leads terminate in male shrouded banana plugs<br><b>Probes:</b> One red, one black<br>Detachable Slim-Reach™ probe tips<br><b>Styles:</b> TP1 Slim Reach™ Test Probes |

## Ordering information

**T5-600** Continuity, Current and Non-Contact Voltage Tester

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