

# Fluke 1000FLT Fluorescent Light Tester

Take the trial and error out of fluorescent light testing

## Technical Data

### The most complete lamp tester helps save you time, reduce costs

The Fluke 1000FLT allows you to perform 5 tests with 1 compact tool. If your job requires keeping large numbers of fluorescent lights shining, the Fluke 1000FLT is an indispensable tool. This tester is a real time and money saver.

### Save time, reduce costs

The Fluke 1000FLT offers 5 essential lighting tests:

- **Lamp test:** test bulb without removing from fixture
- **Ballast test:** easily determine if ballast is working
- **Non-contact voltage:** quickly check for voltage presence
- **Pin continuity test:** tests if filaments have continuity
- **Ballast-type test:** determine if ballast is electronic or magnetic without taking fixture apart—identify energy wasting ballasts

Other key benefits:

- Survives on-the-job handling: drop-tested to survive from a six foot (two meter) ladder
- Easy to use: bright indicator light plus audible alert
- Rugged: backed with a three-year warranty



## Technical specifications

| Test specifications                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Lamp Test Max Output                | 3000 V peak-peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ballast Test                        | 20 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ballast Type Discriminator          | ≤3 m (10 ft) distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pin Continuity Test                 | < 1 kΩ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NCV (VoltAlert™)                    | 85 to 400 V ac<br>45 to 67 Hz<br>≤10 cm (4 in) distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Environmental specifications        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Temperature                         | <b>Operating</b> -10 °C to +50 °C (14 °F to +122 °F)<br><b>Storage</b> -40 °C to +60 °C (-40 °F to +140 °F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Relative Humidity                   | 85 % maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Safety specifications               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Safety rating                       | IEC 61010-1, pollution degree 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mechanical & General Specifications |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size                                | 21.5 cm x 3.0 cm x 6.5 cm (8.5 x 1.2 x 2.6 in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight                              | 0.37 kg (0.80 lb.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Battery type                        | 4 x AA alkaline IEC LR6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Battery life                        | 40 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Auto Power Off                      | 20 minutes after non-use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Low Battery Indicator               | Power button light blinks when power is low (typically 85 % of capacity depleted)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating altitude                  | < 2000 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Electromagnetic Environment         | EN 61326-1: Portable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Electromagnetic Compatibility       | <p><b>CE</b> CISPR 11: Group 2, Class A<br/>Group 2 contains all ISM RF equipment in which radio-frequency energy in the frequency range 9 kHz to 400 GHz is intentionally generated and used or only used, in the form of electromagnetic radiation, inductive and/or capacitive coupling, for the treatment of material or inspection/analysis purposes<br/>Class A equipment is suitable for use in non-domestic locations and/or directly connected to a low-voltage power supply network.</p> <p><b>US</b> FCC Part 15 Subpart B – exempt as test equipment per clause 15.103<br/><b>Korea only</b> Class A Equipment (Industrial Broadcasting &amp; Communication Equipment)<sup>1</sup><br/><sup>1</sup>This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.</p> |
| Resistance to impact                | 2 meter drop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Warranty                            | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Ordering information

Fluke-1000FLT Fluorescent Light Tester

**Includes:** 1000FLT Fluorescent Light Tester, quick reference guide, four AA alkaline batteries, H1000 Holster, warranty card (3 year warranty)

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