

FLUKE®

Fluke 101 Digital Multimeter

The **FIRST-CHOICE** multimeter
for electrical professionals



Technical Data

Designed for basic electrical tests, the Fluke 101 digital multimeter offers reliable measurements for residential/commercial electricians and heating and air conditioning technicians. This small, lightweight multimeter fits comfortably in your hand but is rugged enough to withstand daily use for years to come. When it comes to professional-grade affordable multimeters, the Fluke 101 digital multimeter is your best choice.

Fluke 101 Product Highlights

- Basic dc accuracy 0.5 %
- CAT III 600 V safety rated
- Diode and continuity test with buzzer
- Small lightweight design for one-handed use
- Rugged, durable design
- Automatic shutdown
- Battery is easy to replace

Specifications

Electrical specifications

| Function | Range | Resolution | Accuracy |
|---------------------------------------------|-------------------|------------|----------------|
| AC volts (40 Hz to 500 Hz) | 600.0 mV | 0.1 mV | 3.0% ± 3 digit |
| | 6.000 V | 0.001 V | 1.0% ± 3 digit |
| | 60.00 V | 0.01 V | |
| | 600.0 V | 0.1 V | |
| DC volts | 6.000 V | 0.001 V | 0.5% ± 3 digit |
| | 60.00 V | 0.01 V | |
| | 600.0 V | 0.1 V | |
| Resistance ohms | 400.0 Ω | 0.1 Ω | 0.5% ± 3 digit |
| | 4.000 kΩ | 0.001 kΩ | 0.5% ± 2 digit |
| | 40.00 kΩ | 0.01 kΩ | 0.5% ± 2 digit |
| | 400.0 kΩ | 0.1 kΩ | 0.5% ± 2 digit |
| | 4.000 MΩ | 0.001 MΩ | 0.5% ± 2 digit |
| | 40.00 MΩ | 0.01 MΩ | 1.5% ± 3 digit |
| Capacitance | 50.00 nF | 0.01 nF | NA |
| | 500.0 nF | 0.1 nF | |
| | 5.000 μF | 0.001 μF | |
| | 50.00 μF | 0.01 μF | |
| | 100.0 μF | 0.1 μF | |
| Frequency (10 Hz to 100 kHz) | 50.00 Hz | 0.01 Hz | NA |
| | 500.0 Hz | 0.1 Hz | |
| | 5.000 kHz | 0.001 kHz | |
| | 50.00 kHz | 0.01 kHz | |
| | 100.0 kHz | 0.1 kHz | |
| Duty cycle | 0.1 % to 99.9% | 0.1 % | NA |

General specifications

| | |
|-----------------------------|------------------------------------------------------|
| Continuity (audible) | Yes |
| CAT rating | CAT III 600 V |
| Auto shutoff | Yes |
| Size (HxWxL) | 130 mm x 65 mm x 27mm |
| Weight | 160 g |
| Battery | Two AAA |
| Warranty | 1 year |
| IP rating | IP 40 per IEC 60529 |
| Drop test | 1 meter to surface |
| Temperature | Operating: 0 °C to 40 °C Storage: -30 °C to 60 °C |

Ordering information

FLUKE-101 Digital Multimeter

Included equipment

- TL75 Test leads
- 2 AAA Batteries (installed)
- User's manual



Fluke. *The Most Trusted Tools
in the World.*

Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40 2675 200 or
Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866
From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: <http://www.fluke.com>

©2013 Fluke Corporation. Specifications subject to change
without notice. Printed in U.S.A. 7/2013 6000031A_EN

**Modification of this document is not permitted without
written permission from Fluke Corporation.**