

**FLUKE®**



**The NEW standard for rugged.**



Durable/waterproof



Dirt and dust



Extended operating  
temperature range



Backlight



Water and humidity



Shock and vibration



Military spec



Test-durable buttons



CAT III/CAT IV rating

**Designed for the toughest environment.  
Fluke 27 II and 28 II Rugged Industrial Multimeters**

Shop for Fluke products online at: **www.MyFlukeStore.com** 1.888.610.7664



## Fluke 27 II and 28 II: Rugged IP 67 Industrial Multimeters

The NEW Fluke 27 II and 28 II digital multimeters define a new standard for operating in harsh conditions with the features and accuracy to troubleshoot most electrical problems.

Both meters have IP 67 (waterproof and dustproof) rating, MSHA approval, extended operating temperature range of -15 °C to +55 °C (5 °F to 131 °F, -40 °C for up to 20 minutes) and 95 % humidity, and have been designed and tested to withstand a 3 m (10 ft) drop. The new Fluke 20 Series Multimeters are built to work in the toughest environments.

For more information, go to  
[www.fluke.com/Rugged\\_Meter](http://www.fluke.com/Rugged_Meter)

**Fluke.** *Keeping your world  
up and running.®*

©2009–2010 Fluke Corporation.  
Specifications subject to change without notice.  
Printed in U.S.A. 12/2010 3531460B F-EN-N

Modification of this document is not permitted

- Measure up to 1000 V ac and dc
- Measure up to 10 A (20 A for 30 seconds)
- 10,000 µF capacitance range
- Frequency measurement up to 200 kHz
- Extended ac voltage bandwidth—15 Hz to 20 kHz (28 II), 40 Hz to 30 kHz (27 II)
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument (28 II)
- Resistance, continuity and diode test
- Min/Max and average recording to capture variations automatically
- Peak min-max (28 II)
- Unique function for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment (28 II)

### Features

- **New** – IP 67 waterproof & dustproof protection, completely sealed for use in harsh environments
- Designed to withstand 3 meter drop (with holster)
- Hi resolution 20,000 count display mode (28 II)
- True-rms ac voltage and current for accurate measurements on non linear signals (28 II)
- Average responding voltage and current for measurements (27 II)
- **New** – Backlit keypad buttons allow for easy visibility in low-lit areas
- Large display digits and 2 level bright white backlight for increased visibility
- Reversible holster for added protection when not in use
- Withstands hazardous 8,000 volt spikes caused by load switching and faults on industrial circuits and complies with second edition IEC and ANSI electrical safety standards
- Long battery life (800 hours)
- Relative mode to remove test lead resistance from low ohms measurements
- Auto and manual ranging for maximum flexibility
- Optional magnetic hanger for easy setup and viewing while freeing your hands for other tasks
- MSHA approval

