

October 2019

R1019/FL

New Fluke industrial Digital Multimeter for extreme operating conditions

The Fluke 87V MAX true-rms Digital Multimeter (DMM) defines a new standard for operating in extreme conditions with the features and accuracy to troubleshoot most electrical problems. A development of the popular Fluke 87V, the 87V MAX is ideal for use in harsh environments with an IP 67 (waterproof and dustproof) rating, an extended operating temperature range of -15°C to +55°C (-40°C for up to 20 minutes) and up to 95% humidity, and has been designed and tested to withstand a 4m drop in its removable holster. It offers CAT III 1000V, CAT IV 600V safety ratings.

The Fluke 87V MAX will measure up to 1000V AC/DC and up to 10A AC/DC (20A for 30 seconds), with true-rms AC voltage and current readings for accurate measurements on non-linear signals. It also offers a capacitance range of 10,000µF, measures frequency to 200kHz, and can capture Min/Max/Average recordings, plus 150µs Peak min-max to capture variations automatically. It also features a built in thermometer, which conveniently allows temperature readings without having to carry a separate instrument. This offers an easy check whether overheating is involved in a system breakdown.

The 87V MAX true-rms Digital Multimeter provides the resolution and accuracy to efficiently troubleshoot motor drives, plant automation, power distribution, and electromechanical equipment even in loud, high energy, and high altitude locations. It takes the guesswork out of drive system troubleshooting. It includes a unique function for accurately measuring noisy signals at the variable frequency drive and at the motor terminals: special shielding blocks high frequency, high-energy noise generated by large drive systems. It correctly measures pulse-width modulated motor drive signals.

Other product highlights:

- Resistance, continuity and diode test
- Relative mode to remove test lead resistance from low ohms measurements
- Large display digits, 2-level bright white backlight and backlit keypad buttons for increased visibility
- High resolution 20,000 count display mode

- Battery life doubled (up to 800 hours)
- Reversible holster for added protection when not in use

The Fluke 87V MAX comes with a Fluke 80BK-A DMM Temperature Probe and is also available as part of a money-saving kit, the 87V MAX/E2 Combo Kit, which includes a ToolPak™ Magnetic Meter Hanging Kit, TL224 SureGrip™ Insulated Test Leads, AC220 SureGrip™ Alligator Clips, TL238 SureGrip™ Test Probes and a soft carry case.

For more information about all Fluke products, please visit the Fluke web site at www.fluke.co.uk.

Notes:

Fluke's mission is to be the world leader in compact, professional electronic test tools. The company's products are used by technicians and engineers in service, installation, maintenance, manufacturing test, and quality functions in a variety of industries throughout the world. Fluke, founded in 1948, currently has offices in 13 European countries and distributes its products to over 100 countries internationally. The company's European revenues contribute approximately 40% of worldwide sales. Fluke's headquarters are located in Everett, Washington State and the company employs over 2,500 people internationally. Its European sales and service headquarters are located in Eindhoven, The Netherlands.

Visit Fluke's Web site at <http://www.fluke.co.uk>

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