



Fluke 289 True-RMS Data Logging Multimeter

Item **32FIK10722** Mfr. Model **FLUKE-289**

Product Details

Brand: FLUKE	Resistance: 500 MΩ
Safety rating (IEC 61010) CAT IV: 600 V	Current AC/DC: 10 A
Safety rating (IEC 61010) CAT III: 1000 V	Voltage AC/DC: 1000 V
Operating temperature range: -20° C, 55° C (-4° F, 131° F)	AC bandwidth: 100 kHz
Conductance: 50 nS	Basic dc accuracy: 0.02 %
dB: 60 dB	True-RMS readings: AC+DC
Capacitance: 1 pF to 100 mF	Part number: 2675778
Frequency: 1 MHz	Country of Origin: United States

Product Description

Fluke 289 True-RMS Logging Multimeter helps you find little problems before they become big ones. The Fluke 289 is the next generation high performance industrial logging multimeter. This Fluke Connect-compatible DMM is designed to solve complex problems in electronics, plant automation, power distribution, and electro-mechanical equipment. Let the 289 be your watchdog for systems or processes while you are off doing other jobs. It provides the ability to log data and graphically review up to 10,000 recorded events and logged readings with on-board TrendCapture. Zoom on trend provides a 14x zoom to view and analyze data—without needing a PC.

Because the 289 is Fluke Connect-compatible you can set it up with the ir3000 FC wireless connector (sold separately) to communicate with your iOS and Android smart devices through the Fluke Connect mobile app and monitor readings from a remote location. Or you can share readings with your team in an instant anytime, from anywhere with ShareLive™ video call. It can help you solve problems faster and minimize downtime.

Other useful features: Provides up to a 14x zoom to view and analyze TrendCapture data in depth. Includes a selectable AC filter (smoothing mode) to help display a steadier reading when the input signal is changing rapidly or noisy. Offers adjustable recording and auto hold thresholds to specify a percentage change in the readings that begins a new event. Features a large 50,000 count, 1/4 VGA dot matrix display with white backlight. Stores up to 15,000 recorded events so you can save multiple logging sessions before PC download is necessary. Provides two-terminal 50 ohm range with 1 milliohm resolution, 10 mA source current, for measuring and comparing differences in motor winding resistance or contact resistance. Includes low pass filter for accurate voltage and frequency measurements at the same time on adjustable speed motor drives and other electrically noisy equipment. Provides LoZ Volts, a low impedance voltage function for eliminating ghost voltages. Recommended when testing for absence or presence of live power. Features on-board help screens for measurement functions. Includes a real-time clock to automatically time stamp saved readings. Offers relative mode to remove test lead resistance from low ohms or capacitance measurements. Provides True-RMS AC voltage and current for accurate measurements on non-linear signals. Measures up to 10 A (20 A for 30 seconds). Provides up to 100 mF capacitance range. Records transients as fast as 250 μs with peak capture. Includes premium test leads, alligator clips, and amp jack plugs. Offers optional magnetic hanger for easy setup and viewing while freeing your hands for other tasks. Works with optional FlukeView forms to enable you to document, store and analyze individual readings or a series of measurements, then convert them into professional-looking documents.