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Fluke 287 True-RMS Electronics Logging Multimeter

Item **32FIK10720** Mfr. Model **FLUKE-287**

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: **2740201**
Frequency: **1 MHz**	Country of Origin: **United States**

Product Description

The Fluke 287 True-rms Electronics Logging Multimeter with TrendCapture quickly documents design performance and graphically displays what happened. Its unique logging and graphing capabilities mean you no longer need to download logged readings to a PC to detect a trend. The Fluke 287 packs more accuracy and convenience into a handheld multimeter than ever before:
Zoom on trend provides unprecedented ability to view and analyze TrendCapture data; zoom in up to 14 times.Selectable AC filter (smoothing mode) helps display a steadier reading when the input signal is changing rapidly or noisy.Adjustable recording and auto hold thresholds, specify a percentage change in the readings that begins a new event.Large 50,000 count, 1/4 VGA display with white backlight. Multiple sets of measurement information can be simultaneously displayed at the same time.Logging function with expanded memory for unattended monitoring of signals over time. Using on-board TrendCapture users can graphically review logged readings without needing a PC. Store up to 15,000 recorded events.On board help screens for measurement functions.Saved measurements allow you to name and recall measurements made in the field.Multi-lingual interface.Multiple logging sessions possible without download.0.025% basic DC accuracy.100 kHz AC bandwidth.Real time clock for automatic time stamping of saved readings.True-RMS AC voltage and current for accurate measurements on complex signals or non-linear loads. AC bandwidth specified to 100 kHz.Measure up to 10 A (20 A for 30 seconds).100 mF capacitance range.Temperature function.Relative mode to remove test lead resistance from low ohms or capacitance measurements. • Peak capture to record transients as fast as 250 µs.Premium test leads and alligator clips included.Amp jack plugs included.Optional FlukeView forms enable you to document, store and analyze individual readings or a series of measurements, then convert them into professional-looking documents.Optional magnetic hanger allows you to hang the meter for easy viewing while freeing your hands to focus on the job.