

Advanced Digital Multimeters

True RMS logging multimeter with TrendCapture

The 280 series is the newest Fluke high-performance multimeter designed to meet the challenges of today's industrial and field service professionals. The series comes with a built-in data logger to record measurements. The recorded data can be viewed on the meter in TrendCapture or transferred to a PC with optional FlukeView forms software. These DMMs combine advanced features with a True RMS 50,000-count ¼ VGA dot-matrix display.

Measures

- Wide 1000 V measurement range
- True RMS, 100 kHz bandwidth for precise measurement of non linear signals
- ±0.025% DC accuracy, 1 microvolt resolution
- 10 amps continuous, 20 amps for 30 seconds
- Frequency, 1 MHz pulse width and duty cycle
- Resistance, 500 MΩ temperature and crest factor
- Capacitance, 100 mF conductance and continuity

Models 287 and 289 Features

- Large bright-white display with dual parameter readout
- Built-in data logger records reading and time of day for catching intermittent problems
- Internal memory logs up to 200 hours
- View info on the meter in TrendCapture or with optional FlukeView® forms software
- Min/Max with time stamp to record signal fluctuations
- Peak capture to measure transients as fast as 250 μS
- TrendCapture allows you to graphically view logged readings without a PC—quickly finding intermittent problems in the field
- Optional USB PC communication interface for easy PC download
- Field upgradable and expandable meter
- Multiple logging sessions possible without download

Model 289 Additional Features

- Lo Pass filter for motor drive measurements
- LoZ function helps eliminate false readings due to ghost voltage
- 50 Ω range (with 1 mΩ resolution) for accurate motor winding measurements



26058-96



26058-97 kit

What's included: Silicone test leads, alligator clips, manual, and six AA batteries.

Catalog No.	Model No.	Description
TS-26058-96	289	True RMS industrial logging multimeter with TrendCapture
TS-26058-95	287	True RMS electronic logging multimeter with TrendCapture
TS-26058-97	289/FVF	Kit, including 289 DMM; FlukeView forms software; 80BK-A thermocouple; TL71 test lead set, AC72 alligator clips, TPAK magnetic hanger and soft case
TS-26058-92	287/FVF	Kit, including 287 DMM; FlukeView forms software; 80BK-A thermocouple; CAT III-1000 V, 10 A modular test leads and probes; CAT II-300 V, 5 A alligator clips; and soft case
Accessories		
TS-26088-60	FVF-SC2	FlukeView forms software and cable
TS-20039-32	C280	Soft carrying case
TS-09386-01	—	Replacement batteries, AA, 4/pk
MC-17090-00	—	NIST-traceable calibration with data

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