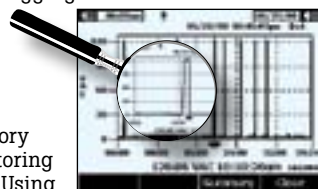


# Fluke 289 and 287 True-rms Logging Multimeters



**Find little problems before they become big ones**  
The Fluke 289 and 287 are the next generation in high performance industrial logging multimeters.

- Large 50,000 count, 1/4 VGA dot matrix display with white backlight
- 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 10,000 recorded events
- Save, name, and recall multiple logging sessions before PC download is necessary
- Zoom on trend, provides unprecedented ability to view and analyze TrendCapture data; zoom in up to 14 times
- Two terminal 50 ohm range with 1 milliohm resolution, 10 mA source current. Useful for measuring and comparing differences in motor winding resistance or contact resistance (289)
- Low-pass filter for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment (289)



TrendCapture displays V dc logged data.



## Features

	287	289
Multiple on screen displays	•	•
True-rms ac bandwidth	100 kHz	100 kHz
dBV/dBm	•	•
DC mV resolution	1 µV	1 µV
Megohm range up to	500 MΩ	500 MΩ
Conductance	50.00 nS	50.00 nS
Continuity beeper	•	•
Elastice time clock/time of day clock	•	•
Min/Max/Avg/duty cycle/pulse width	•	•
Isolated optical DMM interface with USB PC connection	•	•
Auto/touch hold	•	•
Over 200 hours logging capacity with new power saving function	•	•
Lo Ohm capability	–	•
Lo Z volts	–	•
Lo Pass Filter	–	•
Limited lifetime warranty	•	•

## Specifications

Functions	Range and resolution	Basic Accuracy
AC volts or dc volts	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V	0.025 % 0.4 % (true-rms) (AC)
AC current dc current	500.00 µA, 5000.0 µA, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A	0.15 % 0.7 % (true-rms)
Temperature (excluding probe)	-200.0 °C to 1350.0 °C (-328.0 °F to 2462.0 °F)	1.0 %
Resistance	50.000 Ω, 500.00 Ω, 5.0000 kΩ, 50.000 kΩ, 500.00 kΩ, 5.0000 MΩ, 50.00 MΩ, 500.0 MΩ	0.05 %
Capacitance	1.000 nF, 10.00 nF, 100.0 nF, 1.000 µF, 10.00 µF, 100.0 µF, 1000 µF, 10.00 mF, 100 mF	1.0 %
Frequency	99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz	.005 %

## Ordering information

Included accessories	Models
Test leads, alligator clips, holster, 9 V battery (installed), users manual on CD, getting started guide.	FLUKE-289 True-rms Industrial Logging Multimeter with TrendCapture
	FLUKE-287 True-rms Electronics Logging Multimeter with TrendCapture
	FLUKE-289/FVJ True-rms Industrial Logging Multimeter Combo Kit with TrendCapture
	FLUKE-287/FVJ True-rms Electronics Logging Multimeter Combo Kit with TrendCapture

## Recommended accessories



**TLK289**  
Industrial Test Lead Set  
See page 57



**TLK287**  
Electronic Test Lead Set  
See page 57



**TPAK**  
Magnetic Meter Hanger  
See page 64



**I410**  
AC/DC Current Clamp  
See page 63



**TL175**  
TwistGuard™ Test Leads  
See page 59



**C280**  
Soft Case  
See page 56

## Recommended kits



**Buy Combo Pack and Save**

**289/FVJ kit includes:**

- True-rms industrial logging multimeter with TrendCapture
- FlukeView Forms Software and cable
- Temperature probe
- Silicone test lead set
- Alligator clips
- Meter hanging accessory
- Soft case



**Buy Combo Pack and Save**

**287/FVJ kit includes:**

- True-rms electronic logging multimeter with TrendCapture
- FlukeView Forms Software and cable
- Temperature probe
- Modular test leads (red, black)
- Modular test probes (red, black)
- Alligator clips (red, black)
- Soft case

Check price and availability at [www.fluke.com/wtb](http://www.fluke.com/wtb)