Fluke 289 FlukeView® Forms Combo Kit

Technical Data



Maximize productivity with the combined Fluke 289 and FlukeView® Forms Combo Kit. With built-in data logger and TrendCapture capability, the 289 helps you track down elusive, intermittent problems, monitoring equipment with any of its functions while you do other jobs. Using FlukeView Forms software allows you to overlay your logged data from six meters or six time periods to find cause and effect relationships or for condition monitoring. Turn your data into meaningful graphs and tables for a professional report or analyze individual readings or series of measurements. The 289/FVF combo kit gives you a practical and affordable approach to predictive maintenance.

Fluke-289/FVF Kit includes:

- Fluke-289 True-rms Industrial Logging Multimeter with TrendCapture, LoZ, LoPass filter, and Lo Ohms
- FVF-SC2 FlukeView Forms Software and cable
- TL71 Silicon Test Lead Set
- AC72 Alligator Clips
- 80BK-A Integrated DMM Temperature Probe
- TPAK Magnetic Meter Hanger for hands-free operation
- C280 Soft Case for meter protection and accessory storage

289 functions and features

Multiple on-screen displays	Yes
LoZ	Yes
50 ohm range	Yes
Filter for measurements on motor drives	Yes
True-rms ac bandwidth	100 kHz
DBV/dBm	Yes
DC mV resolution	1 µV
Megohm range	500 MΩ
Conductance	50.00 nS
Continuity beeper	Yes
Temperature (°C and °F)	-200 °C to 1350 °C
Battery/fuse access	Yes/Yes
Elapse time clock	Yes
Time of day clock	Yes
Min-Max-Avg	Yes
Frequency	Yes
Duty cycle/pulse width	Yes
Info button on board help	Yes
Hold	Yes
Isolated optical interface	Yes
Auto/touch hold	Yes
Reading memory	Yes
Log to PC	Yes
On board logging with TrendCapture	Yes
Logging memory	180 hours

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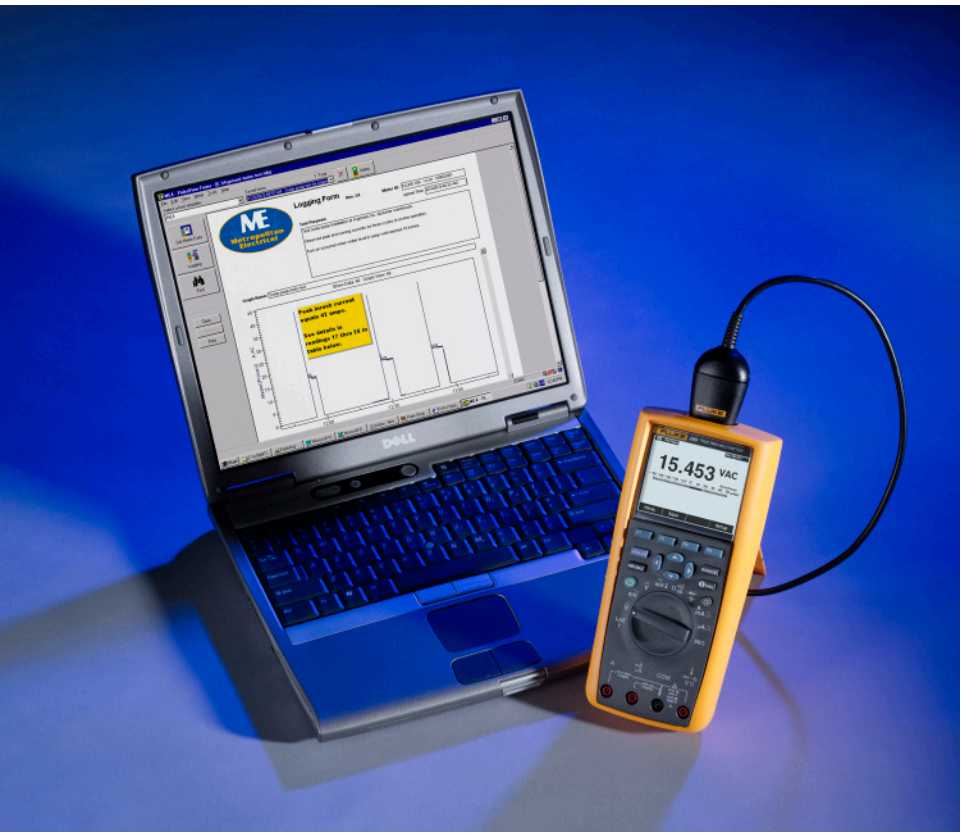

Ordering information

Fluke-289/FVF True-rms Logging Multimeter Combo Kit with TrendCapture

289 specifications

Function	Range and resolution	Basic accuracy
DC volts	50.000 mV,500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0V	0.025 %
AC volts		0.4 % (true-rms)
DC current	500.00 µA, 5000.0 µA, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A	0.15 %
AC current		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 (289 only), 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, 100.00 mF	1.0 %
Frequency	99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz	0.005 % + 1

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Printed in U.S.A. 7/2007 3062469 D-EN-N Rev A