

TECHNICAL DATA

Fluke 287 FlukeView® Forms Combo Kit



FLUKE-287/FVF KIT INCLUDES:

- Fluke-287 True-rms Electronic Logging Multimeter with TrendCapture
- FlukeView Forms Software and cable
- 80BK-A Thermocouple Probe
- CAT III 1000 V 10 A Modular test leads (red, black)
- CAT II 1000 V 10 A Modular test probes (red, black) and caps
- CAT III 1000 V 10 A Alligator Clips (red, black)
- C280 Soft Case for meter protection and accessory storage
- Amp Jack Plug Set
- TPAK Magnetic Meter Hanger for Hands-free Operation
- Requires Fluke ir3000 FC Infrared Connector for Fluke Connect communication (not included with this kit)



Fluke Connect® compatible

Maximize productivity with the combined Fluke 287 and FlukeView® forms combo kit. Designed for today's professionals involved in the R&D, maintenance, manufacture and design of electronic circuits or systems. With built-in data logger and TrendCapture™ (the meters on screen graphical display) capability, the 287 helps you track down elusive, intermittent problems or monitor equipment with any of its functions. FlukeView Forms enables you to document, store, and analyze individual readings or series of measurements, overlay logged data to find cause and effect relationships, or turn your data into meaningful graphs and tables for a professional report. The 287 is compatible with the new Fluke ir3000 FC Infrared Connector, allowing you to share live measurements on your iOS or Android smart device with the Fluke Connect mobile app. The 287/FVF combo kit gives you a practical and affordable approach to documenting circuit design performance.

287 functions/features

Multiple on screen displays	Yes
True-rms ac bandwidth	100 kHz
dBV/dBm	Yes
DC mV resolution	1 μ V
Megohm range	up to 500 M Ω
Conductance	50.00 nS
Continuity beeper	Yes
Temperature ($^{\circ}$ C and $^{\circ}$ F)	-200 $^{\circ}$ C to 1350 $^{\circ}$ 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	up to 10,000 readings



Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect® system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- Access baseline, historical and current measurements by asset.
- Share your measurement data using ShareLive™ video calls and emails.
- The 287 is part of a growing system of connected test tools and equipment maintenance software. Visit the website to learn more about the Fluke Connect® system.



Ordering information

Fluke-287/FVF True-rms Logging Multimeter Combo Kit with TrendCapture

Optional accessories

IR3000FC Fluke Connect Infrared Connector



All trademarks are the property of their respective owners. WiFi or cellular service required to share data. Smartphone, wireless service and data plan not included with purchase. First 5 GB of storage is free

Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.

287 specifications

Function	Range and resolution	Basic accuracy
DC volts	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V	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	0.05 %
AC current		0.6 % (true-rms)
Temperature (excluding probe)	-200.0 °C to 1350.0 °C (-328.0 °F to 2462.0 °F)	1.0 %
Resistance	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

Fluke. Keeping your world up and running.®