

Fluke 287 FlukeView® Forms Combo Kit



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/FVF combo kit gives you a practical and affordable approach to documenting circuit design performance.

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 III 1000 V 10 A Modular test probes (red, black)
- CAT II 300 V 5 A Alligator Clips (red, black)
- C280 Soft Case for meter protection and accessory storage

Technical Data

287 functions and features

Multiple on-screen displays	Yes
True-rms ac bandwidth	100 kHz
DBV/dBm	Yes
DC mV resolution	1 μ V
Megohm range	500 M Ω
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



Ordering information

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

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, 1000.0V	0.025 %
AC volts		0.4 % (true-rms)
DC current	500.00 μ A, 5000.0 μ A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A	0.06 %
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 k Ω , 50.000 k Ω , 500.00 k Ω , 5.0000 M Ω , 50.00 M Ω , 500.0 M Ω	0.05 %
Capacitance	1.000 nF, 10.00 nF 100.0 nF, 1.000 μ F, 10.00 μ F, 100.0 μ F, 1000 μ F, 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 % + 5

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Fluke Connect™ ir3000 FC Connector

Technical Data

Connect your Fluke test tool with the ir3000 FC Connector and get all the benefits of the Fluke Connect mobile app



If you already have one of the tools below in your tool box or tool belt or are considering purchasing one, add the ir3000 FC Connector so you can communicate with Fluke Connect™ app.

- Fluke Connect ir3000 FC Connector allows you to wirelessly transfer data from your existing Fluke tools to your smart phone
- Fits over the IR port of your existing Fluke tools
- Immediately enables you to graph, save, and share the tool's readings with your team from your smart phone
- Identify and diagnose problems quickly and confidently
- Efficiently and safely capture real-time readings of the primary display from the field
- Share results instantly with your team
- Upgradeable by USB

Supported Fluke tools:

- Digital Multimeter: 187, 189, 287, 289
- Process Tool: 789

Supported smart phones:

- Android™ 4.4 & up
- iPhone® 4s & later

Review the information on both models below to ensure you are selecting the one that supports your existing Fluke tool. Next, download the Fluke Connect mobile app from the Apple or Google app store and get started.



Built with
**FLUKE
CONNECT™**

**See it. Save it. Share it.
All the facts, right in the field.**

Fluke Connect with ShareLive™ video call is the only wireless measurement system that lets you stay in contact with your entire team without leaving the field. The Fluke Connect mobile app is available for Android™ (4.4 and up) and iOS (4s and later) and works with over 20 different Fluke products—the largest system of connected test tools in the world. And more are on the way. Go to the Fluke website to find out more.

Make the best decisions faster than ever before by viewing all temperature, mechanical, electrical and vibration measurements for each equipment asset in one place. Get started saving time and increasing your productivity.

Download the app at:



Smart phone, wireless service and data plan not included with purchase.

General specifications

Model	FLUKE-IR3000FC
Battery type	Two AAA Alkaline batteries, ANSI-24A IEC-LR03
Battery life	6 hours of continuous transmission
RF communications	2.4 GHz ISM Band
RF communication range	Open air, unobstructed: Up to 20 m Obstructed, sheetrock wall: Up to 6.5 m Obstructed, concrete wall or steel electrical enclosure: Up to 3.5 m
Temperature	Operating: -10 °C to 50 °C Storage: -20 °C to 60 °C
Certifications	CSA, FCC, CE, IC
Warranty	Three years
Weight	80 g
Size (HxWxL)	3.2 cm x 7.6 cm x 6.4 cm (1.25 in x 3.0 in x 2.5 in)
Compatibility	Fluke 187, 189, 287, 289, 789

Ordering information

FLUKE-IR3000FC Fluke Connect ir3000 FC Connector

RF connection time (binding time) may take up to 1 minute.

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