

TECHNICAL DATA

# Fluke 287 FlukeView® Forms Combo Kit



**Fluke Connect® compatible**

## 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)

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 $\mu$ V             |
| Megohm range                       | up to 500 M $\Omega$  |
| 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                     | 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.

Find out more at [flukeconnect.com](http://flukeconnect.com)



**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. Phone support details can be viewed at [fluke.com/phones](http://fluke.com/phones).

**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.®*

**Fluke Corporation**  
 PO Box 9090, Everett, WA 98206 U.S.A.

**Fluke Europe B.V.**  
 PO Box 1186, 5602 BD Eindhoven, The Netherlands

**For more information call:**  
 In the U.S.A. (800) 443-5853 or Fax (425) 446-5116  
 In Europe/M-East/Africa +31 (0)40 267 5100 or Fax +31 (0)40 267 5222  
 In Canada (800)-36-FLUKE or Fax (905) 890-6866  
 From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116  
 Web access: <http://www.fluke.com>

©2009-2016 Fluke Corporation. Specifications subject to change without notice. 11/2016 6002299b-en

**Modification of this document is not permitted without written permission from Fluke Corporation.**