

# Fluke 287 FlukeView® Forms Combo Kit

## Technical Data

### Now compatible with Fluke Connect™ Mobile App

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.

#### 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



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™ (4.3 and up) and iOS (4s and later) and works with over 20 different Fluke products—the largest suite 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 not included with purchase.

| <b>287 functions/features</b>                |                                        |
|----------------------------------------------|----------------------------------------|
| 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 ( $^{\circ}$ 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                  |



## Ordering information

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

**Optional accessories**  
IR3000FC Fluke Connect  
Infrared Connector

## 287 specifications

| Function                         | Range and resolution                                                                                                                        | Basic accuracy   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| DC volts                         | 50.000 mV, 500.00 mV, 5.0000 V,<br>50.000 V, 500.00 V, 1000.0 V                                                                             | 0.025 %          |
| AC volts                         |                                                                                                                                             | 0.4 % (true-rms) |
| DC current                       | 500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA,<br>400.00 mA, 5.0000 A, 10.000 A                                                                 | 0.05 %           |
| AC current                       |                                                                                                                                             | 0.6 % (true-rms) |
| Temperature<br>(excluding probe) | -200.0 $^{\circ}$ C to 1350.0 $^{\circ}$ C<br>(-328.0 $^{\circ}$ F to 2462.0 $^{\circ}$ F)                                                  | 1.0 %            |
| Resistance                       | 500.00 $\Omega$ , 5.0000 k $\Omega$ , 50.000 k $\Omega$ ,<br>500.00 k $\Omega$ , 5.0000 M $\Omega$ , 50.00 M $\Omega$ ,<br>500.0 M $\Omega$ | 0.05 %           |
| Capacitance                      | 1.000 nF, 10.00 nF, 100.0 nF, 1.000 $\mu$ F,<br>10.00 $\mu$ F, 100.0 $\mu$ F, 1000 $\mu$ F, 10.00 mF,<br>100.00 mF                          | 1.0 %            |
| Frequency                        | 99.999 Hz, 999.99 Hz, 9.9999 kHz,<br>99.999 kHz, 999.99 kHz                                                                                 | 0.005 % + 1      |

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

**Fluke.** *Keeping your world  
up and running.®*

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