

## 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 $\mu$ V          |
| Megohm range                            | 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                          | 180 hours          |



## 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,                                                                                                                                         | 0.025 %          |
| AC volts                         | 50.000 V, 500.00 V, 1000.0V                                                                                                                                             | 0.4 % (true-rms) |
| DC current                       | 500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA,                                                                                                                              | 0.15 %           |
| AC current                       | 400.00 mA, 5.0000 A, 10.000 A                                                                                                                                           | 0.7%(true-rms)   |
| Temperature<br>(excluding probe) | -200.0 °C to 1350.0 °C (-328.0 °F<br>to 2462.0 °F)                                                                                                                      | 1.0 %            |
| Resistance                       | 50.000 $\Omega$ (289 only), 500.00 $\Omega$ ,<br>5.0000 k $\Omega$ , 50.000 k $\Omega$ , 500.00 k $\Omega$ ,<br>5.0000 M $\Omega$ , 50.00 M $\Omega$ , 500.0 M $\Omega$ | 0.05 %           |
| Capacitance                      | 1.000 nF, 10.00 nF 100.0 nF,<br>1.000 $\mu$ F, 10.00 $\mu$ F, 100.0 $\mu$ F,<br>1000 $\mu$ F, 10.00 mF, 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      |

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