

기술 자료

## Fluke 289 FlukeView Forms 콤보 키트



### 주요 기능

#### Equipped with new functionality

- NEW – Now compatible with Fluke Connect mobile app and all Fluke FC enabled test tools with optional ir3000 FC infrared connector (sold separately).
- NEW – Let your team see what you see in an instant with ShareLive™ video call (requires Fluke Connect mobile app and ir3000 FC wireless connector).
- TrendCapture graphically displays logged data session to quickly determine whether anomalies may have occurred.
- Zoom on trend provides unprecedented ability to view and analyze TrendCapture data; zoom in up to 14 times.
- Selectable AC filter (smoothing mode) helps display a steadier reading when the input signal is changing rapidly or noisy.
- Adjustable recording and auto hold thresholds, specify a percentage change in the readings that begins a new event.
- Large 50,000 count, 1/4 VGA dot matrix display with white backlight.
- Logging function with expanded memory for unattended monitoring of signals over time. Using on-board TrendCapture users can graphically review logged readings without needing a PC. Store up to 15,000 recorded events.
- Save multiple logging sessions before PC download is necessary.
- Two terminal 50 ohm range with 1 milliohm resolution, 10 mA source current. Useful for measuring and comparing differences in motor winding resistance or contact resistance.
- Low Pass filter for accurate voltage and frequency measurements at the same time on adjustable speed motor drives and other electrically noisy equipment.
- LoZ Volts. Low impedance voltage function for eliminating ghost voltages. Also recommended when testing for absence or presence of live power.

- On board help screens for measurement functions. Unsure about a function - go to that function and press the "i" button.
- Real time clock for automatic time stamping of saved readings.
- Relative mode to remove test lead resistance from low ohms or capacitance measurements.
- True-RMS AC voltage and current for accurate measurements on non-linear signals.
- Measure up to 10 A (20 A for 30 seconds).
- 100 mF capacitance range.
- Peak capture to record transients as fast as 250  $\mu$ s.
- Premium test leads and alligator clips included.
- Amp jack plugs included.
- Optional magnetic hanger for easy setup and viewing while freeing your hands for other tasks.
- FlukeView forms enable you to document, store and analyze individual readings or a series of measurements, then convert them into professional-looking documents.
- Limited lifetime warranty.

## 제품 개요: Fluke 289 FlukeView Forms 콤보 키트

### Now compatible with Fluke Connect® Mobile App

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 affect 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 is compatible with the 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 289/FVF combo kit gives you a practical and affordable approach to predictive maintenance.

## 제품 사양: Fluke 289 FlukeView Forms 콤보 키트

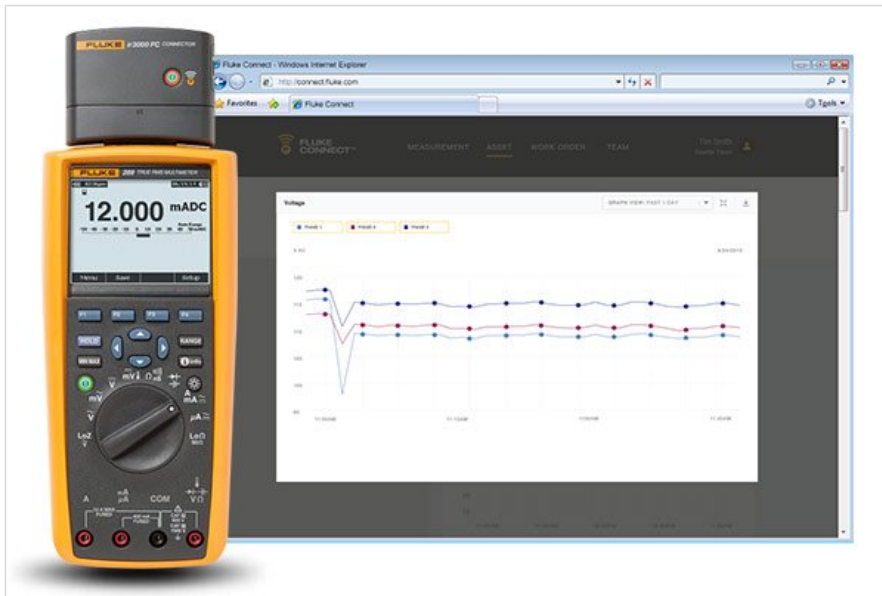
Specifications		
Function		
DC volts	<b>Range / resolution</b>	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.025%
AC volts	<b>Range / resolution</b>	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.4% (True-RMS)
DC current	<b>Range / resolution</b>	500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.05%
AC current	<b>Range / resolution</b>	500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.6% (True-RMS)
Temperature (excluding probe)	<b>Range / resolution</b>	-200.0°C to 1350.0°C (-328.0°F to 2462.0°F)
	Basic accuracy	1.0%

Resistance	<b>Range / resolution</b>	50.000 $\Omega$ , 500.00 $\Omega$ , 5.0000 k $\Omega$ , 50.000 k $\Omega$ , 500.00 k $\Omega$ , 5.0000 M $\Omega$ , 50.00 M $\Omega$ , 500.0 M $\Omega$
	Basic accuracy	0.05%
Capacitance	<b>Range / resolution</b>	1.000 nF, 10.00 nF, 100.0 nF, 1.000 $\mu$ F, 10.00 $\mu$ F, 100.0 $\mu$ F, 1000 $\mu$ F, 10.00 mF, 100 mF
	Basic accuracy	1.0%
Frequency	<b>Range / resolution</b>	99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz
	Basic accuracy	0.005%
Connectivity	Optional infrared connector via Fluke ir3000 FC	
<b>General Specifications</b>		
Maximum voltage between any terminal and earth ground	1000 V	
Battery type	6 AA alkaline batteries, NEDA 15A IECLR6	
Battery life	100 hours minimum, 200 hours in logging mode	
Temperature	<b>Operating</b>	-20°C to 55°C
	<b>Storage</b>	-40°C to 60°C
Relative humidity	0 to 90% (0 to 37°C), 0 to 65% (37°C to 45°C), 0 to 45% (45°C to 55°C)	
Electromagnetic compatibility	EMC EN61326-1	
Vibration	Random vibration per MIL-PRF-28800F Class 2	
Shock	1 meter drop per IEC/EN 61010-1 3rd Edition	
Size (H x W x L)	22.2 x 10.2 x 6 cm (8.75 x 4.03 x 2.38 in)	
Weight	870.9 g (28 oz)	
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	
Battery/fuse access	Yes/Yes	
Elapse time clock	Yes	
Time of day clock	Yes	
Min-max-avg	Yes	
Duty cycle	Yes	



Pulse width	Yes
Isolated optical interface	Yes
Auto/touch hold	Yes
Reading memory	Yes
Log to PC	Yes
Interval/event logging	Yes
Logging memory	Up to 15,000 readings
Wireless connectivity (optional)	Yes

## 모델



### FLK-289/FVF/IR3000

Fluke 289 FlukeView® Forms 콤보 키트

구성:

- Fluke 289 멀티미터
- FlukeView® Forms 소프트웨어(케이블 포함)
- AC175 엘리게이터 클립
- 80BK-A 열전대 프로브
- TL71 실리콘 테스트 리드 세트
- TPAK 자석 걸이 키트
- C280 소프트 케이스
- 앰프 잭 플러그 세트



## 예방/유지보수가 간소화되고 재작업이 사라집니다.

Fluke Connect 시스템을 사용해 측정값을 무선으로 동기화하여 시간을 절약하고 유지보수 데이터의 안정성을 개선하십시오.

- 장비에서 직접 측정값이 저장된 후 작업 주문, 보고서 또는 자산 기록과 연결되어 데이터 입력 오류가 사라집니다.
- 가동 시간을 최대화하고 믿고 추적할 수 있는 데이터를 이용해 확신을 갖고 유지 보수 결정을 내릴 수 있습니다.
- 무선 윈스텝 측정값 전송 덕분에 클립보드, 노트북 및 여러 스프레드시트 작업이 필요 없습니다.
- 자산 별로 기준, 과거, 현재 측정값을 이용할 수 있습니다.
- ShareLive™ 영상 통화 및 이메일을 통해 측정 데이터를 공유할 수 있습니다.

자세한 내용은 [flukeconnect.com](http://flukeconnect.com)에서 확인하십시오.



모든 상표는 해당 소유자의 재산입니다. 데이터 공유를 위하여 WiFi 혹은 이동 전화 서비스가 필요합니다. 스마트폰, 무선 서비스와 데이터 요금제는 구매 명세에 포함되지 않습니다. 최초 5GB의 저장소는 무료로 제공됩니다. 전화 지원 정보는 [fluke.com/phonest](http://fluke.com/phonest)에서 확인할 수 있습니다.

스마트폰 무선 서비스와 데이터 요금제는 구매 내역에 포함되지 않습니다. Fluke Connect는 일부 국가에서 사용할 수 없습니다.

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

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