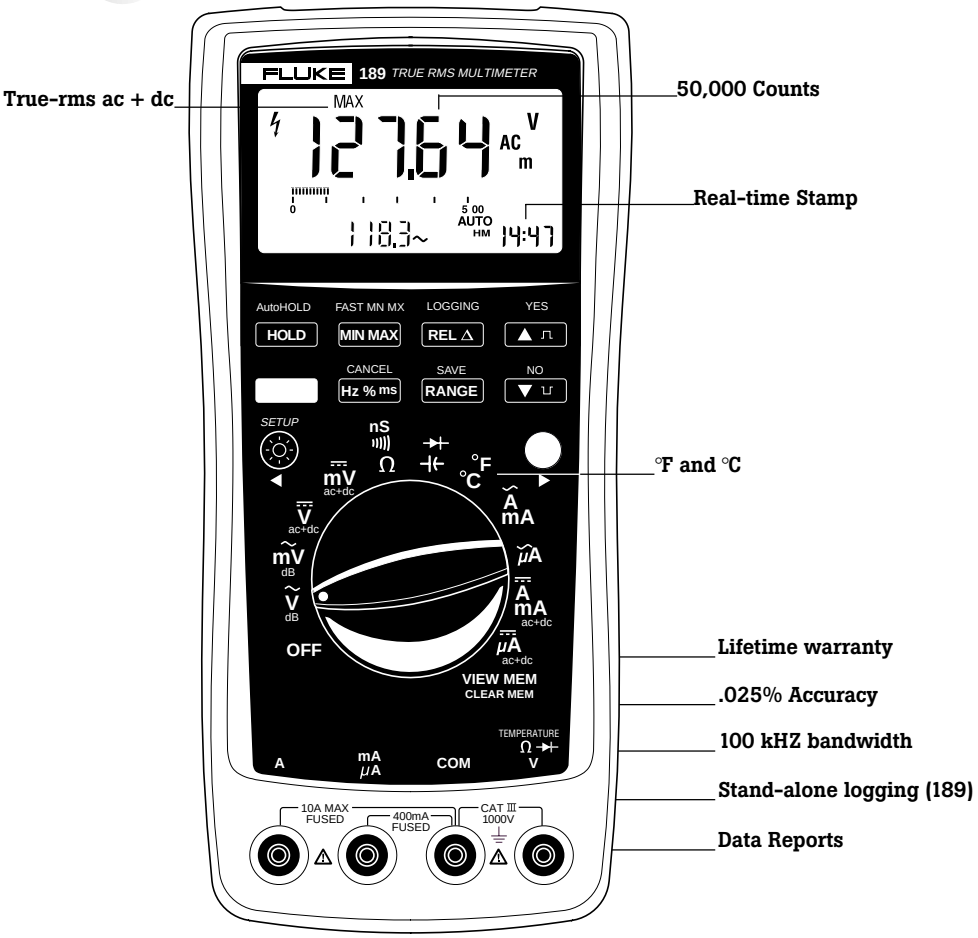
FLUKE®

Think About Working with the World's Smartest Meter

Introducing the Fluke 180 Series - the newest generation in high performance DMMS

New



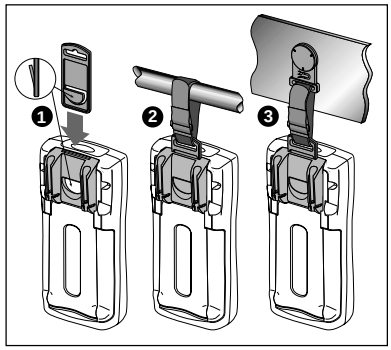
Check out the features and you'll see we've enhanced the performance beyond any other handheld meter on the planet. Like faster readings. Extended ranges. Lower dc volts. Dual displays. Broader capacitance range. The ability to download data to your PC. And a lot more. No wonder more people prefer Fluke meters over any other brand. Anywhere. So make a smart move. Discover the world's smartest meter—the Fluke 180 Series.

Designed and Conforms to IEC 1010-1 600V CAT IV

Designed and Conforms to IEC 1010-1 1000V CAT III

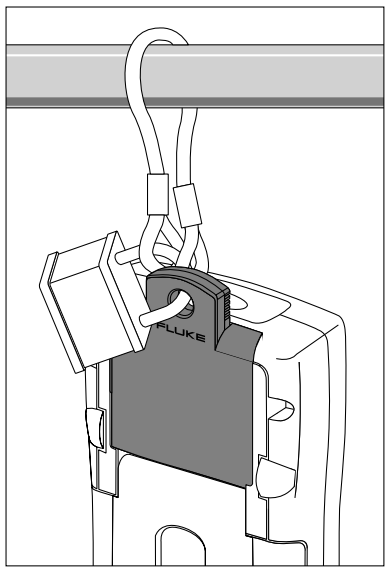
Lifetime Warranty! Keep your Fluke meter up and running

ToolPak™



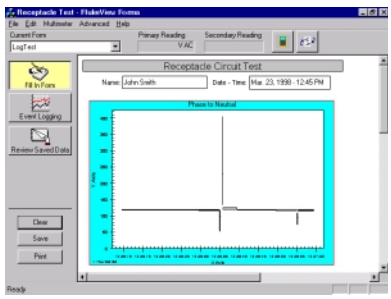
Hang your Fluke 180 Series meter by a magnet or strap hanger with the optional ToolPak™ accessory.

LockPak™



Lock your Fluke 180 Series meter in place with the optional LockPak™ accessory.

FlukeView® Forms



Document, store and analyze measurements from your Fluke 180 Series digital multimeter using optional FlukeView® Forms software.

FLUKE®

Discover all the ways Fluke's top-of-the-line meters just got better

Fluke 180 Series	Fluke 187	Fluke 189
Individual reading storage		100 rdgs
50,000-count primary display for high resolution measurement readings	•	•
Stand-alone logging of measurement changes (up to 3 days), identifying stable and unstable periods with a real-time stamp.		•
MIN/MAX/AVERAGE time-stamped with a real-time clock for enhanced troubleshooting	•	•
Use optional FlukeView® Forms software for further data analysis and custom documentation	•	•
Temperature measurements in °C and °F (optional k-type probe)	-200°C to +1350°C	-200°C to +1350°C

Fluke 180 Series	187	189
Dual Displays	50,000 Count	50,000 Count
Analog Display	51 Segment Bargraph	51 Segment Bargraph
True-rms ac, ac + dc	•	•
100 kHz ac Bandwidth	•	•
dBm, dBV	•	•
Duty Cycle	•	•
Battery and Fuse Access Door	•	•
Two Level Backlight	•	•
250 µS Fast MIN MAX	•	•
IEC 61010 Rating	Cat III - 1000V/Cat IV - 600V	Cat III - 1000V/Cat IV - 600V
DCV		
Maximum Voltage	1000V	1000V
Accuracy	±(0.025% + 5)	±(0.025% + 5)
Maximum Resolution	0.001 mV	0.001 mV
ACV		
Maximum Voltage	1000V	1000V
Accuracy	±(0.4% + 40)	±(0.4% + 40)
Maximum Resolution	0.001 mV	0.001 mV
DC Current		
Maximum Amps	10A	10A
Accuracy	±(0.15% + 2)	±(0.15% + 2)
Maximum Resolution	0.01 µA	0.01 µA
AC Current		
Maximum Amps	10A	10A
Accuracy	±(0.75% + 5)	±(0.75% + 5)
Maximum Resolution	0.01 µA	0.01 µA
Resistance		
Maximum Resistance	500 MΩ	500 MΩ
Accuracy	±(0.05% + 2)	±(0.05% + 2)
Maximum Resolution	0.01Ω	0.01Ω
Capacitance	0.01 nF - 50 mF	0.01 nF - 50 mF
Frequency	0.5 Hz to 1000 kHz	0.5 Hz to 1000 kHz

For detailed specifications, contact your local Fluke representative, call 1-800-44-FLUKE or visit www.fluke.com.
Specifications are subject to change without notice.

Ordering Information

Fluke 187 Digital Multimeter
Fluke 189 Logging Multimeter

Need Technical Assistance? Call:

1-800-44-FLUKE

Toll-free in the U.S.
(800) 36-FLUKE in Canada
(425) 356-5500 other countries

For more information to be sent to you by fax, call 1-800-FLUKE-FAX in the U.S. and Canada. Or, visit our Website at http://www.fluke.com

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