

187/189 Quick Reference Card

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FLUKE

187/189 True RMS Multimeter Quick Reference Guide

See Users Manual for "Safety Information" and complete operating information.

AC/DC Volts

\tilde{V} mV \tilde{V} V \overline{V} mV \overline{V} V

V - Volts
mV - millivolts
(1 mV = 1/1000 Volt)

Select \tilde{V} mV \tilde{V} V \overline{V} mV \overline{V} V

Ohms

nS Ω

Ω - ohms
 k Ω - kilohms (1 k Ω = 1,000 Ω)
 M Ω - megohms (1 M Ω = 1,000,000 Ω)

dBm or dBV Decibels

dB over AC

\tilde{V} dB or \tilde{mV} dB

AC over dB

AC

Duty Cycle and Pulse Width Hz % ms

Duty Cycle

Pulse Width

Select \tilde{V} mV \tilde{V} V \overline{V} mV \overline{V} V \overline{A} mA \overline{A} μ A

+ Trigger slope
- Trigger slope

Continuity

nS Ω

Bleep on closed

Bleep on open

Diode Test

Forward Bias OK - 0.5 V to 0.8 V

Reverse Bias OK - OL In-circuit results may vary.

Anode + Cathode -

Shorted diode - 0 in both directions
Open diode - OL in both directions (in circuit results may vary)

Capacitance

nF - nanofarad (1/1,000,000,000 F)
 μ F - microfarad (1/1,000,000 F)

Anode + Cathode -

Conductance

nS

nS - nanosiemen
1000 reading in nS
 $S = \frac{1}{\Omega}$
 $n = 10^{-9}$

Saving/Logging (Model 89 only)

SAVE RANGE Save to Memory
LOGGING RELA Begin Logging
CANCEL Hz % ms Stop Logging

View Memory

VIEW MEM

Clear Memory

CLEAR MEM

See Chapter 4 of the Users Manual for complete operating information.

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Changing Setup Settings

