

187/189 True RMS Multimeter Quick Reference Guide

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

AC/DC Volts

\tilde{V} $m\tilde{V}$ \bar{V} $m\bar{V}$

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

Ohms

nS

Ω - ohms
 kΩ - kilohms
 (1 kΩ = 1,000 Ω)
 MΩ - megohms
 (1 MΩ = 1,000,000 Ω)

dBm or dBV Decibels

dB over AC

\tilde{V} or $m\tilde{V}$
 dB dB

AC over dB

AC

Duty Cycle and Pulse Width

Hz % ms

Duty Cycle

Pulse Width

Select
 \tilde{V} $m\tilde{V}$ \bar{V} $m\bar{V}$ $A\tilde{}$
 μA $m\bar{A}$ $\mu\bar{A}$

+ Trigger slope
 - Trigger slope

Continuity

nS

Beep on closed
 Beep 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)
 μF - microfarad
 (1/1,000,000 F)

Anode + Cathode -

Conductance

nS

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

Saving/Logging (Model 89 only)

SAVE RANGE Save to Memory

LOGGING REL▲ Begin Logging

CANCEL Hz % ms Stop Logging

View Memory

VIEW MEM

SAVE RANGE OR LOGGING REL▲

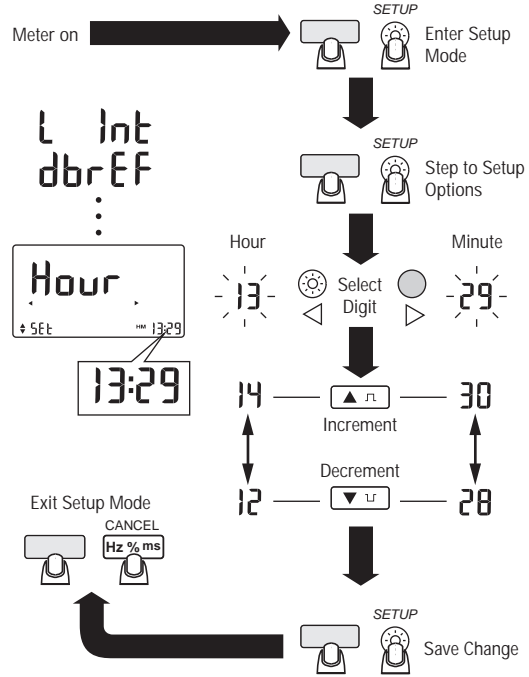
Clear Memory

CLEAR MEM

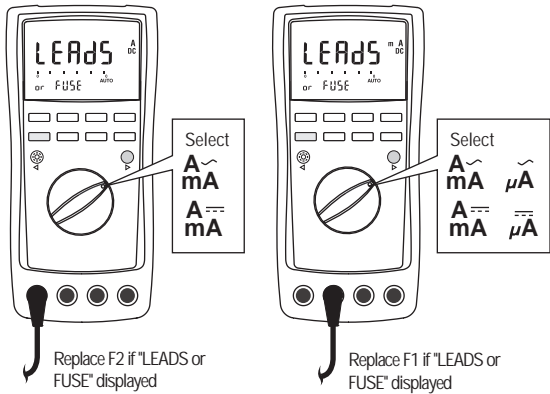
YES

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

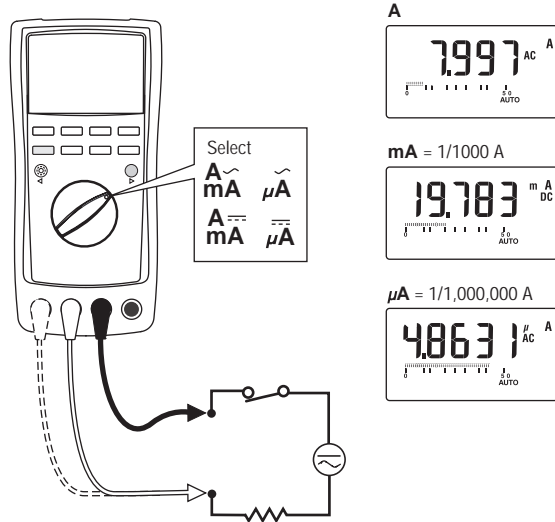
Changing Setup Settings



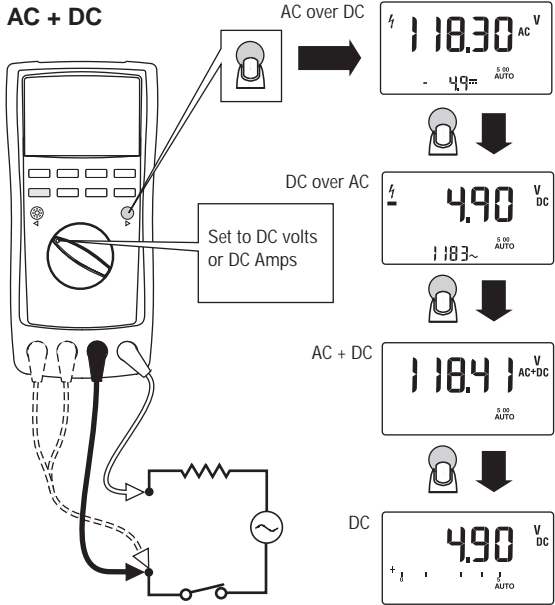
Fuse Test



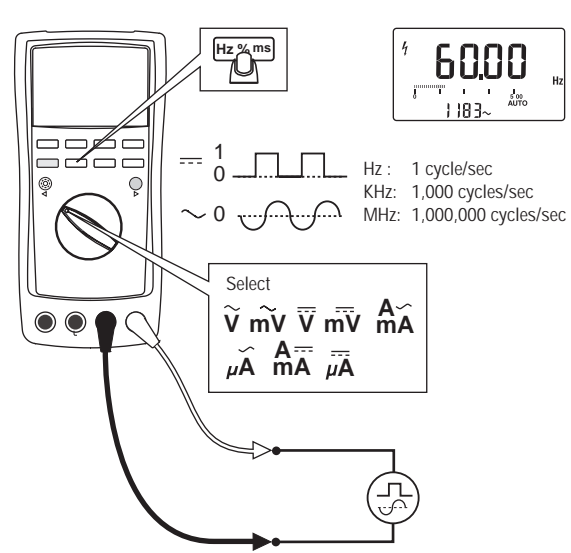
Amps



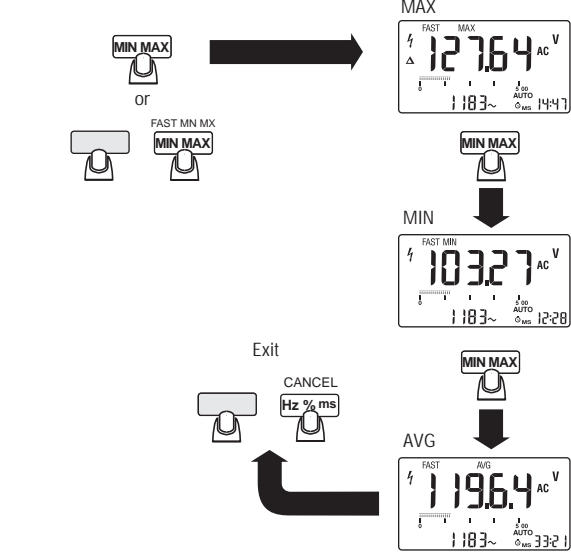
AC + DC



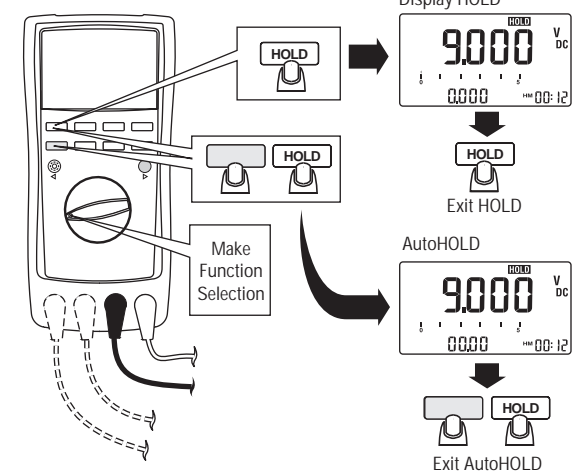
Frequency



Min, Max, Average



HOLD AutoHOLD



Display Resolution (3-1/2 or 4-1/2 Digits)

