Digital Multimeters In the Lab

Quick Setup Tips

General Function Keys

Access menu pages for the general functions such as Display, Acquire, Run/Stop, Store/Recall, Null, 2nd, Probe Hold, Utility, and Math.

Second Measurement Display

AC Voltage
000.177 mVAC
SLOW   AUTO, 100mV

Shows selected measurement type and displays reading simultaneously with the main display.

Cursor Arrows, Range Change Key

Cursor arrows:
Navigate menus and adjust values.

Range change keys:
[-] and [+]:
Manually adjust measurement range.

Range:
Enable auto range.

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1. Connect the correct input terminals to the device under test (DUT).

2. Select the desired measurement type; for example, DCV, DCI, ACV, and ACI.

3. Select a secondary measurement by enabling the 2nd Meas function.

4. Press the "Range" button to enable the auto range function.

5. Press "Acquire" and select "Data Log," then start data logging.

6. Collect the acquired data log by using a USB drive.

KEYSIGHT EDU34450A DIGITAL MULTIMETER

USB Port

Measurement Function Keys

Access desired measurement type from DCV, DCI, ACV, ACI, Ω2W, Ω4W, Freq, Freq, Cont, Diode, and Capacitance.

Measurement Input Terminals

Input V Ω ⊣⊢ ⊣▷⊢ : Measures DCV, ACV, Ω2W, frequency for ACV, Cont, ⊣⊢ , ⊣▷⊢ , Temp.

Sense Ω4W: Measures Ω4W.

3A: Measures DCI, ACI, and frequency for ACI.

Built-In Quick Help

Press and hold in any key for immediate help on the selected function / feature.

For more information, read the user manual at: https://www.keysight.com/us/en/assets/9921-01386/user-manuals

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