

Model 114B

General Purpose Multi-Function Analog Multimeter

Data Sheet

The 114B Analog Multimeter is a general purpose multifunction instrument. This instrument has been designed in accordance with the most up-to-date safety regulations and ensures safe, reliable operation. The portable 114B Analog Multimeter is a useful tool for all standard measurements, to the electrician on site, in industry or for hobby electronics.

Features:

- Analog Display
- DC and AC voltage measurements up to 1200V
- DC current measurements up to 12A
- Resistance measurements up to 2MW
- Battery test with loading of 200mA (1.5V)
- DB measurements -10 to 63dB
- Transistor Gain hFE 0 to 1000

Specifications:

- DCV** 0.3V, 3V, 12V, 30V, 120V, 300V, 1200V
Sensitivity 20KW/V. Accuracy $\pm 3\%$
- ACV** 12V, 120V, 300V, 1200V
Sensitivity 20KW/V. Accuracy $\pm 4\%$
- DCA** 50uA, 3mA, 300mA, 12A
Burden Voltage less than 0.6V (0.15V for 12A)
- W** RX1(152mA), RX10(15mA), RX1K(150mA),
RX10K(60mA). Accuracy $\pm 3\%$
- dB** 0dB: 1mW across 600W
-10dB to +23dB on 12VAC range
+10dB to 43dB on 120VAC range
+18dB to 51dB on 300VAC range
+30dB on +63dB on 1200VAC range

Battery Test (good – bad scale)

- Range: 1.5V
Load: 7.5W
Battery Drain: 200mA

General Specification

- Movement: Jeweled pivots
Scale Length: 3 1/2 inches, mirrored scale
Polarity: + or -, polarity reversal switch
Power Source: Batteries: Two 1.5V AA and one 9V
Protection: 250 volt ceramic fuse. Not for high energy
Power measurements above 250volts
- Op. Temp.: 0 to +40°C
Dimensions: 5 3/4" x 3 7/8" x 1 3/8" (HxWxD)
Weight: 11oz. (308g.) with batteries
Supplied: Batteries
Test leads, 1 red and 1 black
Instruction manual



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Specifications subject to change without notice