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 ± 3%

ACV 12V, 120V, 300V, 1200V
Sensitivity 20KW/V. Accuracy ± 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 ±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 +40ºC
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 Transistor test leads Instruction manual

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Specifications subject to change without notice