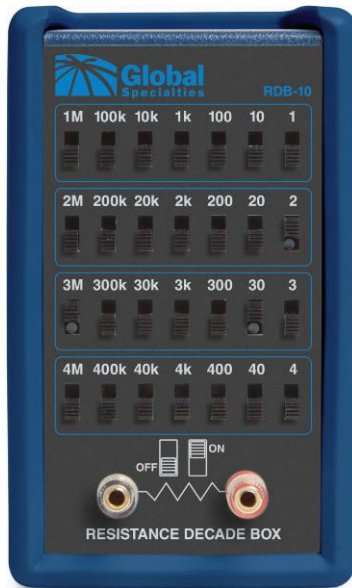# Model RDB-10   Resistance Decade Box

Use Model RDB-10 to:

- Select resistance in series or in parallel combinations
- Substitute resistance in servicing applications
- Vary resistance levels in circuitry design
- Determine impedance, reactance and frequency characteristics
- Ideal for classroom education
- Demonstrate Ohm's Law and other effects by varying resistance

Model RDB-10 is a hand held Resistance decade box that creates a specific resistance value using a combination of switches. Designed with accuracy to meet the needs of industry and education alike.

The RDB-10 is a compact, convenient tool for aiding in engineering design and testing as well as calibration of test equipment.

It offers 7 decades of resistance ranges, from 1 Ω to over 11 MΩ in 1 Ω steps. Easy-to-use slide switches allow for straightforward addition and subtraction of resistance values. RDB-10 is a passive device that requires no power source.

Features:

▶ Calibrate test equipment with its high accuracy of 1%

▶ 28 switches organized in a clean 4 x 7 grid for easy use

▶ All switches clearly display a visible white dot when in the ON position

▶ Includes a protective rubber holster with tilt-stand for ease of use and viewing

▶ Ideal for service, prototype and experimental and educational use

▶ Set at any resistance value from 1 ohm to 11 Megohms in one ohm increments

▶ Input terminals accept standard banana plugs, bare wires, spade lugs or alligator clips

▶ One Year Warranty

Specifications

Resistance ranges: 1 Ω to 11,111,110 Ω in 1 Ω steps	
Internal Resistance:	0.3 Ω
Power:	1 Watt Resistors
Connection:	2 binding posts
Accuracy:	1 %
Operating conditions	
Temperature: 32 to 122 °F (0 to 50 °C)	
Humidity: < 80%RH	
Dimensions:	6" x 3.7" x 1.9"
Weight Approx.:	0.95 lbs.

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