

Accessories

Decade Boxes

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

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



Innovative Training Solutions

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 M Ω 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.

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 $^{\circ}$ F (0 to 50 $^{\circ}$ C)
Humidity:	< 80%RH
Dimensions:	6" x 3.7" x 1.9"
Weight Approx.:	0.95 lbs.