

# Accessories

## Decade Boxes

### Model CDB-10 Capacitance Decade Box

Use Model CDB-10 to:

- Select capacitance in series or in parallel combinations
- Substitute capacitance in servicing applications
- Vary capacitance levels in circuitry design, ie: oscillators, filters, timing circuits, impedance matches, rectifiers, and other RF circuits
- Determine impedance, reactance and frequency characteristics
- Ideal for classroom education
- Standard item for electrical, industrial, and lab applications
- Used for engineering design, trouble shooting, or service



#### Features:

- ▶ Calibrate test equipment with its high accuracy of 5%
- ▶ 20 switches organized in a clean 4 x 5 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 capacitance value from 100 pF to over 11 µF in 100 pF increments
- ▶ Input terminals accept standard banana plugs, bare wires, spade lugs or alligator clips
- ▶ One Year Warranty



*Innovative Training Solutions*

[www.globalspecialties.com](http://www.globalspecialties.com)

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

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

It offers 5 decades of capacitance ranges, from 100 picoFarads to over 11 microFarads in 100 picoFarad steps. Easy-to-use slide switches allow for straightforward addition and subtraction of capacitor values. CDB-10 is a passive device that requires no power source.

#### Specifications

Capacitance ranges: 100 pF to 11.111µF in 100 pF steps

Internal Residual Cap: 50 pF maximum

Voltage limit: 50 VDC (non-polarized capacitors)

Connection: Two (2) binding posts

Accuracy: 5 % (< 1 µF: 1 kHz test freq;  
> 1 µF: 100 Hz test freq)

Operating conditions

Temperature: 32 ~ 122 °F (0 ~ 50 °C)

Humidity: < 80 %RH

Dimensions: 6" x 3.7" x 1.9"

Weight Approx.: 0.95 lbs.

Global Specialties  
22820 Savi Ranch Parkway  
Yorba Linda, CA 92887  
1-800-572-1028

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Decade Boxes](#) category:*

*Click to view products by [Global Specialties](#) manufacturer:*

Other Similar products are found below :

[0510-9708-01\(H\)](#) [380400](#) [380405](#) [RS-200](#) [RS-200-SC](#) [CDB-10](#) [RDB-10](#) [RDB-10-NIST](#)