

Decade Box Models BR04, BR05, BR06, BR07 & BC05



These decade boxes are built into a metal bench top box. They are used for testing and calibration.

The main function of these decade boxes is to create a resistance or capacitance with a specific value by using a combination of the rotary decade switches.

They are equipped with \varnothing 4mm safety terminals for connection. Designed to international safety standard EN 61010-1.

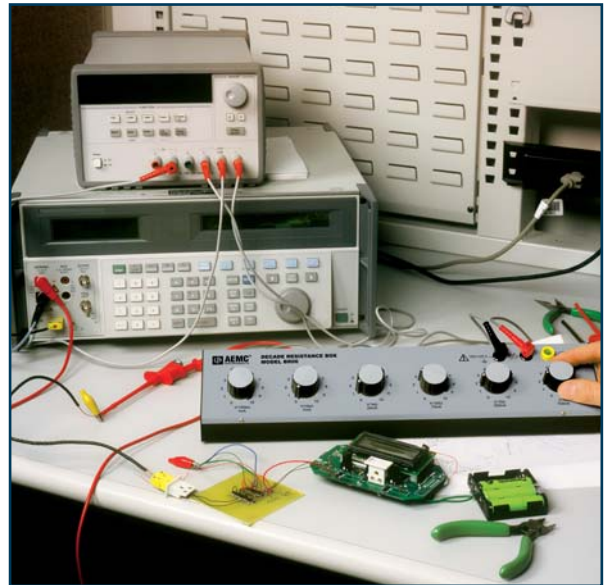
Features

- Capacitance and Resistance Decade Boxes
- Rotary switch selector
- Stop position to prevent accidental switching from 10 to 0
- Male ground (earth) terminal with safety jack
- Outputs on \varnothing 4mm safety terminals
- Ground jumper lead EN 61010-2-031, 150V Cat. II, 50V Cat. III – Pollution Degree 2
- Accuracy 1% (Resistance)
- Accuracy 3% (Capacitance)

Specifications

Resistance Decade Boxes				
MODELS	BR04	BR05	BR06	BR07
RANGE				
Decade	1	1 to 10Ω	1 to 10Ω	1 to 10Ω
	2	10 to 100Ω	10 to 100Ω	10 to 100Ω
	3	100Ω to 1kΩ	100Ω to 1kΩ	100Ω to 1kΩ
	4	1 to 10kΩ	1 to 10kΩ	1 to 10kΩ
	5	–	10 to 100kΩ	10 to 100kΩ
	6	–	100kΩ to 1MΩ	100kΩ to 1MΩ
	7	–	–	1 to 10MΩ
MAX CURRENT (mA_{DC})				
Decade	1	700mA	700mA	700mA
	2	200mA	200mA	200mA
	3	70mA	70mA	70mA
	4	20mA	20mA	20mA
	5	–	7mA	7mA
	6	–	–	1mA
	7	–	–	0.1mA
GENERAL				
Resistance Range		1Ω to 11.11kΩ	1Ω to 1.11111MΩ	1Ω to 11.11111MΩ
Accuracy		1%	1%	1%

Capacitance Decade Box	
MODEL	BC05
RANGE	
Decade	1
	2
	3
	4
	5
GENERAL	
Total Capacitance	11.111μF
Residual Capacitance	25pF (approx)
Accuracy	3% (low residual capacitance)
Max Operating Voltage	300V _{DC} , 230V _{AC} (50Hz)



ORDERING INFORMATION	CATALOG NO.
Resistance Decade Box Model BR04 (x1Ω, x10Ω, x100Ω, x1kΩ, 1%)	2131.22
Resistance Decade Box Model BR05 (x1Ω, x10Ω, x100Ω, x1kΩ, x10kΩ, 1%)	2131.23
Resistance Decade Box Model BR06 (x1Ω, x10Ω, x100Ω, x1kΩ, x10kΩ, x100kΩ, 1%)	2131.24
Resistance Decade Box Model BR07 (x1Ω, x10Ω, x100Ω, x1kΩ, x10kΩ, x100kΩ, x1MΩ, 1%)	2131.25
Capacitance Decade Box Model BC05 (x0.1nF, x1nF, x10nF, x100nF, x1knF, 3%)	2131.26

Contact Us

United States & Canada:

Chauvin Arnoux[®], Inc.
d.b.a. AEMC[®] Instruments
200 Foxborough Blvd.
Foxborough, MA 02035 USA
(508) 698-2115 • Fax (508) 698-2118
www.aemc.com

Customer Support – for placing an order, obtaining price & delivery:
customerservice@aemc.com

Sales Department – for general sales information:
sales@aemc.com

Repair and Calibration Service – for information on repair & calibration, obtaining a user manual:
repair@aemc.com

Technical and Product Application Support – for technical and application support:
techinfo@aemc.com

Webmaster – for information regarding www.aemc.com:
webmaster@aemc.com

South America, Central America, Mexico, Caribbean, Australia & New Zealand:

Chauvin Arnoux[®], Inc.
d.b.a. AEMC[®] Instruments
15 Faraday Drive
Dover, NH 03820 USA
(978) 526-7667 • Fax (978) 526-7605
export@aemc.com
www.aemc.com

All other countries:

Chauvin Arnoux SCA
190, rue Championnet
75876 Paris Cedex 18, France
33 1 44 85 45 28 • Fax 33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com