

Decade Box Model BR04, BR05, BR06, BR07, BC05 & BL07



Features

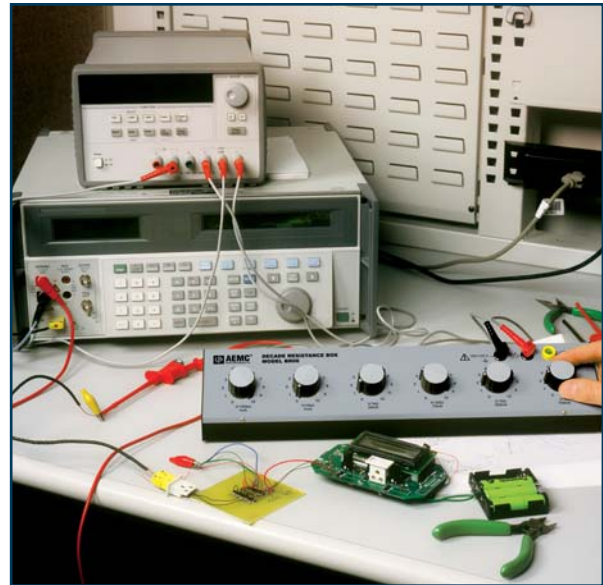
- Rotary switch selector
- Stop position to prevent accidental switching from 10 to 0
- Male ground (earth) terminal with safety jack
- Outputs on Ø 4mm safety terminals
- Jumper leads EN 61010-2-031, 150V Cat. II, 50V Cat. III – Pollution Degree 2
- Accuracy 1% (Capacitance and Resistance)
- Accuracy 5% (Inductance)

Specifications

Resistance Decade Boxes					
MODEL	BR04	BR05	BR06	BR07	
RANGE					
Decade	1	1 to 10Ω	1 to 10Ω	1 to 10Ω	1 to 10Ω
	2	10 to 100Ω	10 to 100Ω	10 to 100Ω	10 to 100Ω
	3	100Ω to 1kΩ	100Ω to 1kΩ	100Ω to 1kΩ	100Ω to 1kΩ
	4	1 to 10kΩ	1 to 10kΩ	1 to 10kΩ	1 to 10kΩ
	5	–	10 to 100kΩ	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	700mA
	2	200mA	200mA	200mA	200mA
	3	70mA	70mA	70mA	70mA
	4	20mA	20mA	20mA	20mA
	5	–	7mA	7mA	7mA
	6	–	–	1mA	1mA
	7	–	–	–	0.1mA
GENERAL					
Resistance Range		1Ω to 11.11kΩ	1Ω to 111.11kΩ	1Ω to 1.11111MΩ	1Ω to 11.11111MΩ
Accuracy		1%	1%	1%	1%

Capacitance Decade Box		
MODEL	BC05	
RANGE		
Decade	1	0.1 to 1nF
	2	1 to 10nF
	3	10 to 100nF
	4	100nF to 1μF
	5	1 to 10μF
GENERAL		
Total Capacitance	11.111μF	
Residual Capacitance	25pF (approx)	
Accuracy	1% (low residual capacitance)	
Max Operating Voltage	300V _{DC} , 230V _{AC} (50Hz)	

Inductance Decade Box			
MODEL	BL07		
RANGE			
Decade	Range	loc Q	Resistance
1	1 to 10μH	300mA	2Ω
2	10 to 100μH	200mA	5Ω
3	100μH to 1mH	100mA	13Ω
4	1 to 10mH	100mA	34Ω
5	10 to 100mH	70mA	55Ω
6	100mH to 1H	50mA	220Ω
7	1 to 10H	40mA	1500Ω



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, 1%)	2131.26
Inductance Decade Box Model BL07 (x1μH, x10μH, x100μH, x1kμH, x10kμH, x100μH, x1MμH, 5%)	2131.27