

TEST AND MEASUREMENT (LAB) INSTRUMENTS

DECADE BOXES

MODELS BR07 & BC05

Bench top decade boxes that stand up to the task



SPECIFICATIONS

TYPES	Multiplying factor in Ω						
	1	10	100	1k	10k	100k	1M
BR07	+	+	+	+	+	+	+
Accuracy	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$	1% $\pm 10m\Omega$
Max current mADC	700mA	200mA	70mA	20mA	7mA	1mA	0.1mA

TYPE	Multiplying factor in nF				
	0.1	1	10	100	1k
BC05	+	+	+	+	+

Operating Temperature:	14° to 131°F (-10° to + 55°C)
Storage Temperature:	-40° to 158°F (-40° to + 70°C)
Relative Humidity:	20% < RH < 96%
Altitude:	2000m
Dimensions - BC05:	12 x 3.4 x 3" (310 x 86 x 76mm)
Weight - BC05:	2.2 lbs (1kg)
Dimensions - BR07:	16 x 3.4 x 3" (410 x 86 x 76mm)
Weight - BR07:	3 lbs (1.4kg)
Watertightness (as per EN 60529 Ed. 92):	Protection index IP 40
Rated Voltage:	150V
Installation Category II - Pollution level 2	

FEATURES

RESISTANCE DECADE BOX MODEL BR07

- Resistance box: 7 decades covering a range from 1 Ω to 11.11111M Ω
- 11-position switches
- Output on safety sockets $\varnothing$ 4mm
- Accuracy: 1% $\pm 10m\Omega$ on all ranges

CAPACITANCE DECADE BOX MODEL BC05

- Capacitance box with 5 decades; 11 position switches
- Total capacitance 11.111 μ F
- Very high insulation
- Output on safety sockets $\varnothing$ 4mm
- The residual capacitance is approximately 25 pF
- Accuracy: 3% on all the ranges (residual capacitance deducted)

CATALOG NO. DESCRIPTION

2131.25 Resistance Decade Box Model BR07 (x1 Ω , x10 Ω , x100 Ω , x1k Ω , x10k Ω , x100k Ω , x1M Ω , 1%)

2131.26 Capacitance Decade Box Model BC05 (x0, 1nF, x1nF, x10nF, x100nF, x1knF, 3%)

Accessories/Replacement - available on website store from www.aemc.com

2131.35 Lead - Replacement, 6ft Safety Lead, 4mm Female to Female for use with Decade Boxes

