

### MODELS BR07 & BC05

Bench top decade boxes that stand up to the task



## SPECIFICATIONS

TYPES	Multiplying factor in $\Omega$						
	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 $\Omega$  to 11.11111M $\Omega$
- 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 $\mu$ 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 $\Omega$ , x10 $\Omega$ , x100 $\Omega$ , x1k $\Omega$ , x10k $\Omega$ , x100k $\Omega$ , x1M $\Omega$ , 1%)
2131.26	Capacitance Decade Box Model BC05 (x0, 1nF, x1nF, x10nF, x100nF, x1knF, 3%)
<b>Accessories/Replacement - available on website store from <a href="http://www.aemc.com">www.aemc.com</a></b>	
2131.35	Lead - Replacement, 6ft Safety Lead, 4mm Female to Female for use with Decade Boxes