

CM5-N

5 DECADE CAPACITANCE COMPENSATION BOX TO COMPLEMENT THE RM6-N

KEY FEATURE	CM5-N
5 decades	■
Range 100 pF to 11.111 uF	■
Accuracy 5%	■
Residual capacitance 30 pF at zero setting	■
Residual capacitance compensation	■

A five decade capacitance box to complement the RM6-N range of resistance decades. Styled in the same ergonomic desk case, the CM5-N is a useful addition to any laboratory, as well as for industrial and educational use. The required capacitance is set by means of rotary switches with skirted knobs and stators giving a clear indication of the dial setting. The capacitors are a combination of polycarbonate and polystyrene, generously rated minimum 160 Vdc with a good dissipation factor and high insulation. A useful feature of this unit is the residual capacitance being compensated for on the 10 x 100pF and 10 x 1nF dials so that the actual value of the dial setting appears at the terminals.

CM5-N SPECIFICATIONS

Dimensions	190mm x 140mm x 100mm (W H D) approx
Mass	0.8kg
Case	High impact polystyrene anthracite grey RAL 7016
Switches	Contacts silver plated brass. Contact resistance < 10 mohm with positive click mechanism. Insulation Resistance > 50,000 Mohm
Capacitance Range	11.111µF in 100pF steps
Max Operating Voltage	70Vdc, 33Vrms
Residual Capacitance	Dials set at zero: 35pF Max
Connections	4mm terminals

Decade	Accuracy
10 x 100pF	± 5%
10 x 1nF	± 5%
10 x 10nF	± 5%
10 x 100nF	± 5%
10 x 1µF	± 5%

