

CM5-N

5 decade capacitance compensation box to complement the RM6-N

A five decade capacitance box to compliment 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, with a good dissipation factor and high insulation. A useful feature of this unit is that on the 10 x 100pF and 10 x 1nF dials, the residual capacitance is compensated for, meaning the actual value of the dial setting appears at the terminals.

Technical Specifications

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

Switches

Contacts silver plated brass. Contact resistance <10mΩ with positive click mechanism. Insulation Resistance > 50,000MΩ

Capacitance Range

11.111µF in 100pF steps

Max Operating Voltage

70VDC, 33Vrms

Residual Capacitance

Dials set at zero: 35pF Max

Connections

4mm terminals

Key Features

- Five decades
- Range 100pF to 11.111µF
- Accuracy 5%
- Residual capacitance 30pF at zero setting
- Residual capacitance compensation

Ideal For

- Laboratories/workshops
- Engineering departments
- Calibration houses

General Specifications

Dimensions

190 x 140 x 100mm / 7.5 x 5.5 x 3.9"
(w x h x d) approx

Mass

0.8kg / 2lbs

Case

High impact polystyrene anthracite grey
RAL 7016

Services

1 year warranty (subject to product registration with Seaward. Visit www.seaward.co.uk/register-product)

Service and calibration by Calibrationhouse.

Go to www.calibrationhouse.com for more information.

Part Number

930182

