

# 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](http://www.seaward.co.uk/register-product))

Service and calibration by Calibrationhouse.

Go to [www.calibrationhouse.com](http://www.calibrationhouse.com) for more information.

#### Part Number

930182





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.