



1065 Precision Power Resistance Box

- 0.1Ω to 120kΩ
- 1% Accuracy
- 10W per resistor dissipation
- In-line readout
- Mechanically and electrically robust
- Fully screened



Introduction

The 1065 Power Decade Resistance Box is designed to meet the standard for educational, industrial and research & design applications.

Housed in a well ventilated metal case its compact construction make it easily transportable, and when in use it takes up a minimum of bench space.

Resistance ranges from 0.1Ω to 120kΩ with a 1% accuracy. Each resistor has a power rating of 10W and the maximum working voltage is 500V.

Switch contact resistance has been kept to a minimum by the use of multi-wafer switches, each with four parallel, silver-plated, self-wiping contacts. The six in-line dials give a clear numerical readout of the selected resistance.

Ordering Information

Description	Order Code
Power Resistance Box	1065
N.P.L. Traceable Calibration Certificate	9161
UKAS Calibration Certificate	9114

Specifications

Resistance Range:	0.1Ω to 120 kΩ
No. Of Decades:	6
Increment:	0.1Ω steps
Accuracy:	0.1Ω decade, ±5% 1Ω – 120kΩ decades, ±1%
Rating:	Each resistor 10W
Temperature Coefficient:	<100 ppm per °C
Maximum Voltage:	500 V AC/DC
Residual Resistance:	<20mΩ
Dimensions:	390 x 60 x 150 mm
Weight:	2 kg
Optional Extras:	Calibration Certificate UKAS, or traceable to NPL