



# 1065 Precision Power Resistance Box

*Time Electronics*  
Calibration, Test & Measurement

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



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 makes 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.

### 1065 Technical Specifications

<b>Resistance Range:</b>	0.1Ω to 120 kΩ
<b>No. Of Decades:</b>	6
<b>Increment:</b>	0.1Ω steps
<b>Accuracy:</b>	0.1Ω decade, ±5% 1Ω –120kΩ decades, ±1%
<b>Rating:</b>	Each resistor 10W
<b>Temperature Coefficient:</b>	<200 ppm per °C
<b>Maximum Voltage:</b>	500 V AC/DC
<b>Residual Resistance:</b>	<20mΩ

### General Specification

<b>Dimensions:</b>	15 x 2.3 x 7" (390 x 60 x 150mm)
<b>Weight:</b>	4.5lbs (2kg)
<b>Supplied with:</b>	2 year warranty, test leads, and factory calibration certificate
<b>Optional Extras:</b>	UKAS/NIST Traceable Calibration Certificate

### Ordering Information

Code	Description
1065	Power Resistance Box
9114	UKAS/NIST Traceable Calibration Certificate