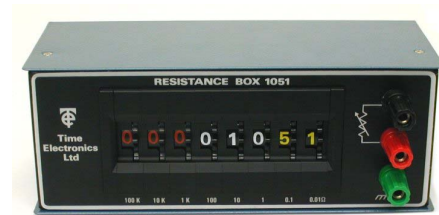




1051 Low Ohm Resistance Box

- 0.01Ω to 1MΩ
- High accuracy and low temperature coefficient
- Clear visual indication with colour coded digits
- Ideal for Platinum Resistance Thermometer simulation



Introduction

The 1051 is a wide range low ohms resistance box designed for general laboratory work including platinum resistance thermometry.

Switch Contacts

Special attention has been given to the reliability of operation. A special multiple gold contact arrangement ensures low contact resistance and continued operation even if a contact fails.

To enhance reading the setting, the 1051 has colour coded digits as shown in the above image; Kohms (red), ohms (white), and 0.1 ohms (yellow).

Ordering Information

Description	Order Code
Low Ohm Resistance Box	1051
Carrying Case	9026
N.P.L. Traceable Calibration Certificate	9161
UKAS Calibration Certificate	9114

Specifications

Resistance Range: 0.01Ω to 1MΩ in 0.01Ω steps

Decade Steps	0.01Ω	0.1Ω	1Ω	10Ω	100Ω	1kΩ	10kΩ	100kΩ
Accuracy ±	10%	5%	1%	0.5%	0.1%	0.1%	0.1%	0.1%
Max Current	1A	1A	1A	0.3A	0.1A	33mA	10mA	3mA

Zero Residual Resistance: less than 90mΩ

Residual Resistance Stability: less than 3 mΩ

Maximum Voltage: 250V DC

Power Rating: 1 watt per resistor

Temperature Coefficient: < 100 ppm per °C

Dimensions: 110 x 75 x 200 mm

Weight: 0.6 kg

Optional Extras:

Carrying Case for field/industrial applications.
Calibration Certificate traceable to N.P.L./UKAS