1040	RESISTANCE BOX $(1\Omega \text{ to } 100\text{M}\Omega)$
9026	Carrying Case
	Protective Rubber Boot (unit supplied with this as standard)
C161	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1041	RESISTANCE BOX LOW OHM (0.01Ω to 1kΩ)
9026	Carrying Case
9028	Protective Rubber Boot (unit supplied with this as standard)
C161	Factory Calibration Certificate (NPL traceable)
	UKAS Calibration Certificate (ISO 17025)
1049	PT100 SIMULATOR HANDHELD (CLASS A °C)
C161	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1050	PT100 SIMULATOR HANDHELD (CLASS A °F)
	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1051	RESISTANCE BOX LOW OHM (0.01Ω to 1MΩ)
9026	
	Protective Rubber Boot (unit supplied with this as standard)
	Factory Calibration Certificate (NPL traceable)
	UKAS Calibration Certificate (ISO 17025)
	RESISTANCE BOX LOW COST (1Ω to 1.2MΩ)
	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1065	RESISTANCE BOX - POWER 10W (0.1Ω to 100kΩ)
C161	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1067	RESISTANCE BOX PRECISION LOW OHM (10mΩ to 10kΩ)
C161	Factory Calibration Certificate (NPL traceable)
C114	UKAS Calibration Certificate (ISO 17025)
1068	PRECISION FIXED RESISTANCE BOX (1Ω to 10kΩ)
	Factory Calibration Certificate (NPL traceable)
C141	UKAS Calibration Certificate (ISO 17025)
5069	INSULATION TESTER CALIBRATOR (decade resistance $100k\Omega$ to $100G\Omega$ )
	Factory Calibration Certificate (NPL traceable)
C112	UKAS Calibration Certificate (ISO 17025)
	CAPACITANCE BOX (100pF to 10µF)
9026	Carrying Case
	Protective Rubber Boot (unit supplied with this as standard)
C161	Factory Calibration Certificate (NPL traceable)
C114	
1071	CAPACITANCE BOX (10pF to 100µF)
9026	
	Protective Rubber Boot (unit supplied with this as standard)
	Factory Calibration Certificate (NPL traceable)
C114	
1053	
	Factory Calibration Certificate (NPL traceable)
C114	

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# Decade Boxes

Resistance • Capacitance • Inductance







#### 1051 - 8 Decade Low Ohm Resistance Box

Range / Res	olution:					0 to 1	ΜΩ / 0.0	1Ω steps
Decade	0.01Ω	0.1Ω	1Ω	10Ω	100Ω	1kΩ	10kΩ	100kΩ
Accuracy	± 10%	± 5%	± 1%	± 0.5%	± 0.1%	± 0.1%	± 0.1%	± 0.1%
May Current	1.0	1.0	1.0	0.3Λ	0.1Δ	33m∆	10mΔ	3m∆

Residual Resistance:	Less than 90mΩ
Power Rating:	1 watt per resistor
Voltage Rating:	Maximum 250V DC/AC RMS
Temperature Coefficient:	50ppm/°C
Dimensions / Weight: W215 x H100 x D1	20mm / 1kg (incl. protective boot)
Features:Colour coded digits, safety term	ninals, and protective rubber boot

#### 1040 – 8 Decade Wide Range Resistance Box

**Range / Resolution:** 0 to  $100M\Omega$  /  $1\Omega$  steps

Decade	1Ω	10Ω	100Ω	1kΩ	10kΩ	100kΩ	1ΜΩ	10ΜΩ
Accuracy	± 1%	± 0.5%	± 0.1%	± 0.1%	± 0.1%	± 0.1%	± 0.1%	± 1%
Max Current	0.5A	0.3A	100mA	30mA	3mA	0.3mA	30μA	3μ <b>A</b>

Residual Resistance:	Less than 250mΩ
Power Rating:	1 watt per resistor
Voltage Rating:	Maximum 250V DC/AC RMS
Temperature Coefficient:	50ppm/°C
Dimensions / Weight: w215 x H100	x D120mm / 1kg (incl. protective boot)
Features:Colour coded digits, safet	y terminals, and protective rubber boot

### 1041 - 5 Decade Low Ohm Resistance Box

**Range / Resolution:** 0 to  $1k\Omega$  /  $0.01\Omega$  steps

Decade	0.01Ω	0.1Ω	1Ω	10Ω	100Ω
Accuracy	± 10%	± 5%	± 1%	± 0.5%	± 0.1%
Max Current	1A	1A	1A	0.3A	0.1A

Residual Resistance:	Less than 60mΩ
Power Rating:	1 watt per resistor
Voltage Rating:	Maximum 100V DC/AC RMS
Temperature Coefficient:	50ppm/°C
Dimensions / Weight: W215 x H100	x D120mm / 1kg (incl. protective boot)
Features:Colour coded digits, safety	terminals, and protective rubber boot

#### 1061 - 6 Decade Resistance Box

Range / Resolution:	0 to 1.2MΩ / 1Ω steps
Accuracy:	± 1%
Residual Resistance:	Less than 150mΩ
Power Rating:	
Voltage Rating:	Maximum 300V DC/AC RMS
Dimensions / Weight:	
Features:	Slim line design and front panel safety terminals



#### 1067 - 6 Decade Precision Resistance Box

-	Less than 10mΩ. Less than 1mΩ variation
Power Rating:	
Stability:	20ppm/year (>1 $\Omega$ ), 100ppm/year (<1 $\Omega$ )
Voltage Rating:	
Insulation:	Case to resistance terminals 2kV / 50Hz maximum
Temperature Coefficient:	10ppm/°C (20ppm/°C below 1Ω)
Dimensions / Weight:	w355 x н63 x D89mm / 1.1kg
Contacts:	



#### 1065 - 6 Decade Power Resistance Box

Range / Resolution:	0 to 120kΩ / 0.1Ω steps
Accuracy:	$\pm$ 5% (0.1Ω), $\pm$ 1% (1Ω to 120kΩ)
Residual Resistance:	Less than 20mΩ
Power Rating:	10 watt per resistor
Voltage Rating:	
Temperature Coefficient:	200ppm/°C
Dimensions / Weight:	w390 x н80 x д150mm / 2kg
Features:	Ventilated robust metal case and multi-wafer switches for low switch contact resistance



## 1070 - 7 Decade Capacitance Box 1071 - 7 Decade Capacitance Box

	0 to 10µF / 100pF steps Less than 38pF
	0 to 100µF / 10pF steps Less than 50pF
Accuracy:	
Voltage Rating:	
Dimensions / Weight:	. W215 x $H100$ x $D120$ mm / 1kg (incl. protective boot)
Features:	



#### 1053 - 4 Decade Inductance Box

Range / Resolution:	0 to 10H / 1mH steps
Accuracy at 1kHz:	
Voltage Rating:	
Maximum Current:	150mA
Residual Resistance:	Less than 0.2Ω
Residual Inductance:	Less than 1µH
Dimensions / Weight:	w248 x H62 x D102mm / 0.8kg
Features:	. Robust metal case and front panel safety terminals

