

Resistor Calibration Box



IP66

RCB-1



IP66

RCB-3



IP66

RCB-3-1T

The RCB is used to verify and proof High Voltage Insulation Testers. Both Analogue and Digital Insulation Testers can be calibrated to a very high level of accuracy.

SEW is able to manufacture special calibrators for certain institutions and large industries with unique requirements.

• Protection class: IP66 (Lid closed)

SPECIFICATIONS	RCB-1	RCB-3	RCB-3-1T
Resistance ranges (Ω)	1M. 2M. 7M. 10M. 20M. 30M. 50M. 100M. 200M. 500M. 1G. 2G. 5G. 10G. 20G. 50G. 100G. 200G. 500G	1M. 10M. 100M. 1G. 5G. 10G. 100G. 500G	1M. 10M. 100M. 1G. 5G. 10G. 100G. 1T
Resistance tolerances	±1%(F)		
Tolerance	± 25ppm/°C : 1MΩ. 2MΩ. 7MΩ. 10MΩ. 20MΩ. 30MΩ. 50MΩ. 100MΩ. 200MΩ. 500MΩ ± 100ppm/°C : 1GΩ. 2GΩ. ± 200ppm/°C : 5GΩ. 10GΩ. 20GΩ. 50GΩ. 100GΩ. ± 400ppm/°C : 200GΩ. 500GΩ ± 1000ppm/°C : 1TΩ		
Max. working voltage	DC 10kV		
Operating temperature	-30°C~75°C		
Power coefficient	Below 3W		
Connecting terminals	Binding Post : Resistance circuit and guard		
Dimensions	430(L) × 324(W) × 127(D)mm		
Weight	Approx. 5200g	Approx. 4140g	Approx. 4140g



CE

ITC 8

The ITC 8 can be utilized to check calibration of resistance ranges of insulation testers and multimeters. The resistance checker box is also used to verify insulation testers and multimeters.

Resistance Ranges :

0.5Ω, 1Ω, 2Ω, 20Ω, 200Ω, 1kΩ, 10kΩ,
20kΩ, 100kΩ, 1MΩ, 2MΩ, 10MΩ

Accuracy :

0.5Ω - 2Ω : ± 0.05Ω
20Ω - 10MΩ : ±1%

Dimensions : 150(L) x 72(W) x 60(D)mm

Weight : Approx. 180g

Safety Standard : EN 61010-1 CAT III 1000Vdc