

Resistor Calibration Box



RCB-1



RCB-3



RCB-3-1T

The RCB is used to verify and proof any High Voltage Insulation Testers. It can be utilized to calibrate all High Voltage Insulation Testers very accurately Analogues or Digitals.

Some institutions and large industries requested their own calibrator too, therefore, SEW started manufacturing the RCB for special customers.

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

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.



CE

ITC 8

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