



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 Analogs or Digitals.

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

| TYPE | RCB-1 | RCB-3 | RCB-3-1T |
|-------------------------------|---|-------------------------------------|-----------------------------------|
| Resistance Range (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 | $\pm 1\%$ (F) $\pm 25\text{ppm}/^\circ\text{C}$: 1M Ω .2M Ω .7M Ω .10M Ω .20M Ω .30M Ω .50M Ω .100M Ω $\pm 50\text{ppm}/^\circ\text{C}$: 200M Ω .500M Ω $\pm 100\text{ppm}/^\circ\text{C}$: 1G Ω .2G Ω .5G Ω $\pm 200\text{ppm}/^\circ\text{C}$: 10G Ω .20G Ω .50G Ω .100G Ω $\pm 400\text{ppm}/^\circ\text{C}$: 200G Ω .500G Ω $\pm 1000\text{ppm}/^\circ\text{C}$: 1T Ω | | |
| Max. Working Voltage | DC 10kV | | |
| Operating Temperature | -30 $^\circ\text{C}$ ~75 $^\circ\text{C}$ | | |
| Power Coefficient | Below 3W | | |
| Connecting Terminals | Binding Post: Resistance circuit and guard | | |
| Dimensions | 430(L) x 324(W) x 127(D)mm | | |
| Weight | Approx. 5.2kg | Approx. 4.14kg | Approx. 4.14kg |



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 :
0.5 Ω , 1 Ω , 2 Ω , 20 Ω , 200 Ω , 1k Ω , 10k Ω ,
20k Ω , 100k Ω , 1M Ω , 2M Ω , 10M Ω

Accuracy :
0.5 Ω - 2 Ω : $\pm 0.05\%$
20 Ω - 10M Ω : $\pm 1\%$

Dimensions : 150(L) x 72(W) x 60(D)mm
Weight : Approx. 180g
Safety Standard : IEC/EN 61010-1 CAT III 1000Vdc