



STANDARD

Test & Measuring Instruments

RESISTOR CALIBRATION BOX

The RCB is also used to verify and proof any High Voltage Insulation Tester. 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.10G.100G. 500G	1M.10M.100M. 1G.10G.100G. 1T
Resistance Tolerances	$\pm 1\%$ (F)		
Temperature Coefficient	$\pm 25\text{ppm}/^\circ\text{C}$: 1M.2M.7M.10M.20M. 30M.50M.100M $\pm 50\text{ppm}/^\circ\text{C}$: 200M.500M $\pm 100\text{ppm}/^\circ\text{C}$: 1G.2G.5G $\pm 200\text{ppm}/^\circ\text{C}$: 10G.20G.50G.100G $\pm 400\text{ppm}/^\circ\text{C}$: 200G.500G $\pm 1000\text{ppm}/^\circ\text{C}$: 1T		
Max. Working Voltage	DC 10KV		
Operating Temperature	$-30^\circ\text{C} \sim 75^\circ\text{C}$		
Power Consumption	Below 3W		
Connecting Terminals	Binding Post : Resistance circuit and guard		
Box Material	Aluminium		
Dimensions	450(L) x 330(W) x 180(D)mm	360(L) x 200(W) x 150(D)mm	
Weight	Approx. 5kg	Approx. 2.25kg	



RCB-1



RCB-3



RCB-3-1T

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