



# CROPICO RH9

1, 3, 6 & 9  
Decades  
Available

Range 1kΩ  
to 1TΩ

Max  
Voltage 5kV

Accuracy  
±0.1%

Portable  
Case

## High Resistance/High Voltage Decade Boxes

**Total Resistance 611 GΩ -  
Resolution  
1 kΩ - Max Voltage 5000 Vdc**

Designed using the Cropico High Quality SP1 switch combined with specially selected resistors, this range of high Ohm resistance decades is ideal for the calibration of insulation test sets with a voltage rating up to 5kV. Housed in a rugged plastic carrying case with up to 9 decades the RH series covers the range 1 kΩ to 1 TΩ and is equally at home in the laboratory, workshop or field application.



RH9-1	RH9-2	RH9-3	RH9-4	RH9 Decade	Value	Accuracy	Max V. /Step	Power Rating	Temp. Coeff.
-	✓	-	✓	✓	10 x 1 kΩ	±0.1%	10 V	1 Watt	±15 ppm/°C
-	✓	-	✓	✓	10 x 10 kΩ	±0.1%	50 V	1 Watt	±15 ppm/°C
-	✓	-	✓	✓	10 x 100 kΩ	±0.1%	150 V	1 Watt	±15 ppm/°C
-	✓	✓	✓	✓	10 x 1 MΩ	±0.1%	300 V	1 Watt	±25 ppm/°C
-	✓	✓	✓	✓	10 x 10 MΩ	±0.1%	500 V	1 Watt	±50 ppm/°C
-	✓	✓	✓	✓	10 x 100 MΩ	±1%	1,000 V	2.3 Watts	±100 ppm/°C
✓	-	✓	✓	✓	10 x 1 GΩ	±1%	5,000 V	3.5 Watts	±100 ppm/°C
✓	-	✓	✓	✓	10 x 10 GΩ	±1%	5,000 V	3.5 Watts	±100 ppm/°C
✓	-	✓	-	✓	6 x 100 GΩ	±2%	5,000 V	1.3 Watts	±2,000 ppm/°C
-	-	-	✓		10 x 100 GΩ	±2%	5,000 V	1.3 Watts	±2,000 ppm/°C

**RH9-5:** a single decade unit having 10 simulated values supplied complete with calibration certificate and 1 metre leads.

### RH9-5

Value	Accuracy	Max V. /Step	Power Rating	Temp. Coeff.
1 kΩ	±0.1%	10 V	1 Watt	±15 ppm/°C
10 kΩ	±0.1%	50 V	1 Watt	±15 ppm/°C
100 kΩ	±0.1%	150 V	1 Watt	±15 ppm/°C
1 MΩ	±0.1%	300 V	1 Watt	±25 ppm/°C
10 MΩ	±0.1%	500 V	1 Watt	±50 ppm/°C
100 MΩ	±1%	1,000 V	2.3 Watts	±100 ppm/°C
1 GΩ	±1%	5,000 V	3.5 Watts	±100 ppm/°C
10 GΩ	±1%	5,000 V	3.5 Watts	±100 ppm/°C
100 GΩ	±2%	5,000 V	1.3 Watts	±2,000 ppm/°C
1 Tera-Ω	±2%	5,000 V	1.3 Watts	±2,000 ppm/°C

Model	Size	Weight
RH9-#	46 x 38 x 16 cm	8.8 kg
RH9-5	22 x 11 x 9 cm	0.8 kg