

# Precision Resistor Box



The type HVR1000 series are use for the inspection of insulation tester as a standard resistor box.

## ■ Type HVR1000 Series

### ● Shape and Dimensions

Connecting terminals	Binding post : Resistance circuit and guard
Dimensions/Weight	100W×65D×72H(mm)/300g

### ● Specifications

Resistance value (Ω)	Measurement voltage DC V <sub>m</sub> (V)	Accuracy (%)	Long-term stability (% / year)	Temperature coefficient (ppm/°C)	Voltage coefficient (ppm/V)	Max. Input voltage DC(V)
				Reference temperature 25°C Measurement temperature 20°C and 40°C	Measured between V <sub>m</sub> and V <sub>m</sub> ×10	
1M	20	±0.05	±0.02	±10	-0.5	200
10M	50	±0.05	±0.02	±10	-0.5	500
100M	100	±0.1	±0.05	±10	-0.5	1,000
1G	100	±0.5	±0.2	±50	-1.0	1,000
10G	100	±0.5	±0.2	±50	-1.0	1,000
100G	100	±0.5	±0.2	±100	-50	1,000
1T	1,000	±1	±0.5	±200	-50 <sup>∴2</sup>	1,000
10T	1,000	±2	±1	±500	-100 <sup>∴2</sup>	1,000
100T	1,000	±5	±5	-3,000 MAX.	-500 <sup>∴2</sup>	1,000

NOTICE: ∴1. Condition: Temperature 25°C±1°C, Resistive Humidity 45%±5%

∴2 Voltage coefficient measured between V<sub>m</sub> and V<sub>m</sub>/10.