

AC / DC Digital High Voltage Meter

The AC/DC type digital high voltage meter has a high input resistance and can measure voltages produced by high voltage generators with a small output capacity. This voltmeter is small, rugged and easy to carry. Moreover, this easy-to-use voltmeter allows highprecision measurement in a short period of time.

■ Type DHM (A/M) SERIES

■ Shape, Dimensions

Type	Max.measurement voltage	Input resistance	Input capacitance	Dimensions (mm)			Weight (kg)
				Width	Depth	Height	
DHM-20A/M	AC20kV (RMS) DC±30kV	10GΩ ±1%	≒15pF	200	230	382	4.0
DHM-30A/M	AC30kV (RMS) DC±40kV		≒25pF	260	330	418	7.5
DHM-50A/M	AC50kV (RMS) DC±60kV		≒8pF	430	330	596	10.0

■ Specifications

Frequency for measurement	DC and 40Hz~20kHz (sine wave)
Resolution	10V
Accuracy	AC± (1% of reading +2 digits) DC± (0.5% of reading +2 digits) (crest factor≤3, input voltage≥1kV)
External output	1/10,000 Divided voltage (BNC type)
Input structure	One-line ground (No measurement can be made if the test signal is floating)
Sampling rate	2 sampling/sec.
Operating temperature range	25°C±10°C
Power	85~260VAC (50Hz/60Hz)

NOTICE: Specifications are subject to change for improvement.

■ Options

R	Range select	10kV range (Resolution 1V)←→Full range (Resolution 10V)
H	Max. and min. value holding function	The max. or min. holding value are displayed on a digital panel meter.
G	GP-IB and USB interface	Conform to IEEE-488 (GP-IB interface)
	Resolution 1V	Not combine with option R.



DHM-20A/M
*Photo is optional equipment.



DHM-30A/M
*Photo is optional equipment.



DHM-50A/M
*Photo is optional equipment.