

# **PINTEK**

## DC High Voltage Probe To DMM

### *HVP-40*

- 1000 : 1 (To Fixed 10 M $\Omega$  DMM)
- Max. 40 KV DC, 28 KV AC (50 / 60 Hz)
- 1000 M $\Omega$  Impedance
- Accuracy:  
DC:  $\pm 1\%$  to 20 KV  
 $\pm 2\%$  to 40 KV  
AC:  $\pm 5\%$  to 28 KV (50 / 60 Hz)



### *HVP-50*

- 1000 : 1 (To Fixed 10 M $\Omega$  DMM)
- Max. 50 KV DC, 35 KV AC (50 / 60 Hz)
- 500 M $\Omega$  Impedance
- Accuracy:  
DC:  $\pm 1\%$  to 40 KV  
 $\pm 2\%$  to 50 KV  
AC:  $\pm 2\%$  to 28 KV (50 / 60 Hz)  
 $\pm 3\%$  to 35 KV (50 / 60 Hz)



**Pintek Electronics Co., Ltd**  
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# HVP-40 / 50 DC High Voltage Probe To DMM

## SPECIFICATIONS:

Model	HVP - 40	HVP - 50
Ratio	1000 : 1 (1 KV = DMM 1 V Reading Value )	1000 : 1 (1 KV = DMM 1 V Reading Value )
Input Impedance	1000M $\Omega$ $\pm$ 7%	500M $\Omega$ $\pm$ 2%
Temperature Coefficient	$\leq$ 200 ppm / $^{\circ}$ C	$\leq$ 100 ppm / $^{\circ}$ C
Max. Input Voltage	DC: 0 ~ 40 KV AC: 0 ~ 28 KV (50 / 60 Hz)	DC: 0 ~ 50 KV AC: 0 ~ 35 KV (50 / 60 Hz)
Accuracy	DC: $\pm$ 1% to 20 KV, $\pm$ 2% to 40 KV AC: $\pm$ 5% to 28 KV (50 / 60 Hz only)	DC: $\pm$ 1% to 40 KV, $\pm$ 2% to 50 KV AC: $\pm$ 2% to 28 KV, $\pm$ 3% to 35 KV (50 / 60 Hz only)
Max. Loading Current	40 $\mu$ A at 40 KV DC	0.1 mA at 50 KV DC
Max. Loading Power	1.6 Watt	5 Watt
Ground Load Length	90 cm (3 ft)	90 cm (3 ft)
Output Cable Length	100 cm (3.3 ft)	100 cm (3.3 ft)
Dimensions / Weight	340 mm x 80 $\varnothing$ / About 230 g	340 mm x 80 $\varnothing$ / About 260 g
Operating Temperature	0 $^{\circ}$ C ~ + 50 $^{\circ}$ C	0 $^{\circ}$ C ~ + 50 $^{\circ}$ C
Operating Temperature	-20 $^{\circ}$ C ~ + 70 $^{\circ}$ C	-20 $^{\circ}$ C ~ + 70 $^{\circ}$ C

### ⚠ WARNING ⚠

- PLEASE CONNECT TO GROUND LEAD AND CABLES PROBABLY AND DOING THE MEASUREMENTS.
- PLEASE PUT PROBE ON THE ISOLATED TABLE WHEN DOING THE MEASUREMENTS.
- PLEASE DO NOT TOUCH PROBE AND CABLES WHEN DOING THE MEASUREMENTS.

### ACCESSORIES:

(Test CRT for H.V.)



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