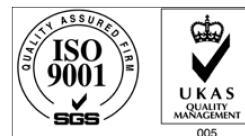


*DCV - 0 to 40 KV, ACV - 0 to 28 KV rms*

# HIGH VOLTAGE PROBE

**Model : HV-40**

*ISO-9001, CE, IEC1010*



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# HIGH VOLTAGE PROBE

## Model : HV-40

SPECIFICATIONS	
Attenuate Ratio	1 : 1000.
Input Impedance	Approx. 1000 M ohm.
Output Impedance	Around 1.1 M ohm. The input impedance of external voltmeter should be 10 mega ohm.
Safety	Meet CAT II 40000 V
Max. Working Voltage	DCV DC 40 KV
	ACV Peak AC 40 KV or 28 KV rms ( depend which values is larger ).
Accuracy	DCV 1 KV to 20 KV - $\pm 1\%$ . 20 KV to 40 KV - $\pm 1.5\%$ .
	ACV 1 to 28 KV rms, 50/60 Hz - $\pm 5\%$ .
Temp Coefficient	Less than 200 ppm/°C.
Operating Temperature	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Less than 80% RH.
Cable Length	1 meter.

OPERATION
<p>Connect the plugs to the volts ( Hi ) &amp; com ( Lo ) input terminals of your voltmeter ( or Multimeter ). Select the desired range of voltmeter ( Attention : Do not use auto ranging ). Whenever possible, turn the high voltage source off before making any connections. Connect the HV probe common lead ( alligator clip ) to a good earth ground or reliable chassis ground.</p>

SAFETY PRECAUTION & WARNING !!!
<ul style="list-style-type: none"> <li>* This high voltage probe must be used by the person who are trained only. Do not work alone when working with high voltage circuits &amp; environment.</li> <li>* For your own safety, inspect the probes for cracks &amp; frayed or broken leads before each use. If any defects are noted, do not use the probes.</li> <li>* Hands, shoes, floor &amp; work bench must be dry. Avoid making measurements under humid, damp or other environmental conditions that might affect the safety of measurement situation.</li> <li>* The ground connection must always be made before the probe tip comes into contact with the high voltage &amp; must not be removed until after the probe tip has been removed from high voltage source.</li> <li>* Do not attempt to take measurement from sources where the chassis or return lead is not ground.</li> <li>* If possible, always turn the high voltage source off before connecting or disconnecting the probe.</li> <li>* Before turning the high voltage on, make sure that no part of your body is in contact with the device under test.</li> <li>* The probe body should be kept clean &amp; free of any conductive contamination. Clean only the exterior probe body &amp; cables. Use a soft cotton cloth lightly moistened with a mild solution of detergent &amp; water. Do not allow any portion of the probe to be submerged at any time.</li> </ul>

\* Appearance and specifications listed in this brochure are subject to change without notice.

0412-HV40