

Model HVP-TX-3

High Voltage Probe Holder – Triaxial – 3kV

Description

Probe holder for high voltage applications. The HVP-TX-3 comes with a HV triax connector and triaxial cable for up to 3kV operation. A needle vise at the tip of the holder holds needle securely by an easy twisting operation.



Figure 1 HVP-TX-3 probe holder for 3kV triaxial measurements

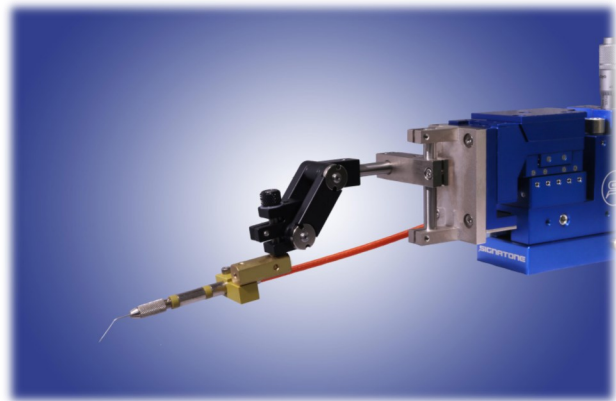


Figure 2 HVP-TX-3 mounted on a SP100 positioner

Compatible Positioners & Needles

For best results, we recommend SP100 positioner with a T-type arm for all HVP type of probe holders. Alternatively, SP150, or S926 with a T-type arm can be used too. The probe needle for HVP-TX-3 should have 25 mil shank. For example, SE-T(5um tip) and SE-TB(25um tip), both have 25 mil shank would work well with HVP-TX-3. User can choose tip sizes that work for their applications.

Specifications

- Rated Voltage: 3 kV
- Rated Current: 120mA DC
- Leakage Current: $<1\text{pA}@3\text{kV}^\dagger$, $<100\text{fA}@10\text{V}^\ddagger$
- Length: 1.5m
- Weight: 3.3 oz
- Operating Temperature: -55°C to 300°C

[†]When measured with Keysight B1505 HVSMU or Keithley 2657 HVSMU

[‡]When measured with Keysight B1500 SMU or Keithley 4200 SMU