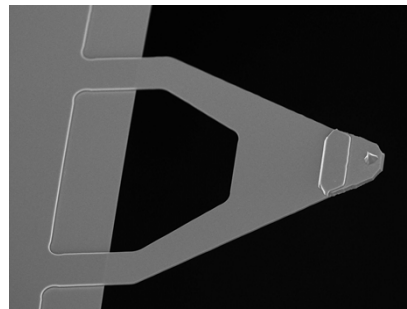


HYDRA4V-100NG

HYDRA4V-100NG probes represent a great starting point when uncertain about which mode is appropriate for a given sample type. The medium spring constant and length provides an ideal balance between non-contact and contact mode applications, with the option to easily transition between the two modes. The Gold coating on the reflex side allows for improved signal strength in fluid environments.

Tip Specifications

- **Material:** Silicon
- **Shape:** Tetrahedral
- **Height (μm):** 4-6
- **ROC (nm) :** 6
- **Coating:** None



HYDRA4V-100NG

On click zoom images

Download Spec

Cantilever Specifications

Material: Silicon
Nitride
Shape : Triangular
Reflex : Au, 40 nm
coating : ± 5 nm

Parameter	Nominal	Min	Max
k (N/m)	0.088	0.039	0.184
f (kHz)	42.0	31.0	58.0
Length (μm)	100.0	90.0	110.0
Width (μm)	18.0	15.0	21.0
Thickness (μm)	0.40	0.36	0.44