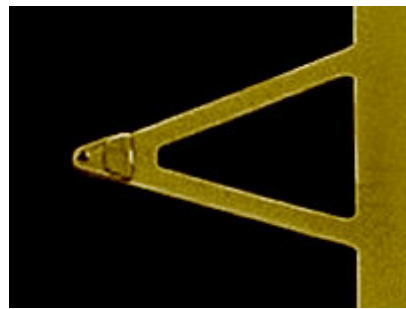


HYDRA4V-100NGG

HYDRA4V-100NGG 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 both the reflex and tip sides allows for improved signal strength in fluid environments.

Tip Specifications

- **Material:** Silicon
- **Shape:** Tetrahedral
- **Height (μm):** 4-6
- **ROC (nm) :** 35
- **Coating:** Au, 35 nm \pm 5 nm



[HYDRA4V-100NGG](#)

[On click zoom images](#)

[Download Spec](#)

Cantilever Specifications

Material: Silicon
Nitride

Shape :Triangular

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