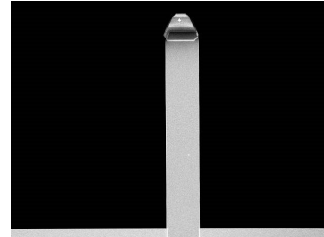


HYDRA2R-50NG

HYDRA2R-50NG probes are primarily designed for force-distance applications in both air and fluid mediums. They have narrow, rectangular cantilevers and are suited for non-contact / tapping mode or contact mode applications. 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



HYDRA2R-50NG

On click zoom images

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Cantilever Specifications

Material: Silicon
Nitride
Shape :Rectangular
Reflex
coating :Gold

Parameter	Nominal	Min	Max
k (N/m)	0.084	0.030	0.250
f (kHz)	77.0	48.0	130.0
Length (μm)	50.0	40.0	60.0
Width (μm)	35.0	30.0	40.0
Thickness (μm)	0.20	0.18	0.22