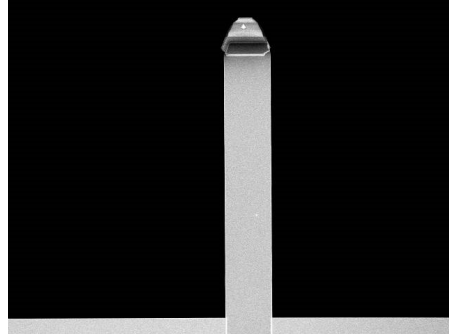


HYDRA2R-50N

HYDRA2R-50N 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.

Tip Specifications

- **Coating:** Uncoated
- **Material:** Silicon
- **Shape:** Tetrahedral
- **Height (μm):** 4-6
- **Aspect ratio:**
- **ROC (nm) :** <10



HYDRA2R-50N

On click zoom images

[Download Spec](#)

Cantilever Specifications

Material: Silicon
Nitride
Shape :Rectangular
Reflex :Uncoated
coating

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