

HYDRA6V-200NG

HYDRA6V-200NG probes are designed primarily for use in contact mode, but can also be useful for non-contact / tapping mode applications. The sharp silicon tip provides high resolution images while the long, narrow, and V-shaped cantilever retains a low spring constant. 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

HYDRA6V-200NG

On click zoom images

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Cantilever Specifications

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

Parameter	Nominal	Min	Max
k (N/m)	0.045	0.024	0.079
f (kHz)	17.0	14.0	21.0
Length (μm)	200.0	190.0	210.0
Width (μm)	22.0	19.0	25.0
Thickness (μm)	0.60	0.54	0.66