

HYDRA4V-100N

HYDRA4V-100N 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.

Tip Specifications

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

HYDRA4V-100N

On click zoom images

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Cantilever Specifications

Material: Silicon
Nitride
Shape :Triangular
Reflex
coating :None

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