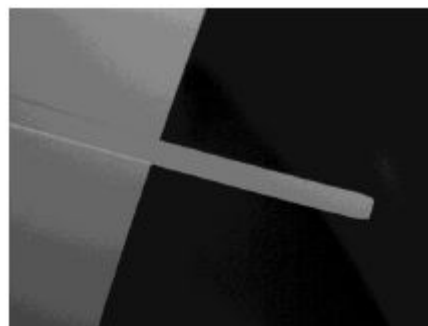


# HYDRA2R-100N-TL

HYDRA2R-100N-TL Probes have rectangular cantilevers designed for force-distance applications. These probes can also be used for tapping mode and contact mode in an air or fluid medium.

## Cantilever Specifications

Material	: Silicon Nitride
Shape	: Rectangular
Reflex coating	: None



Parameter	Nominal	Min	Max
k (N/m)	0.011	0.005	0.022
f (kHz)	26.0	19.0	35.0
Length ( $\mu\text{m}$ )	100.0	90.0	110.0
Width ( $\mu\text{m}$ )	35.0	30.0	40.0
Thickness ( $\mu\text{m}$ )	0.20	0.18	0.22