

HYDRA6V-100W-TL

HYDRA6V-100W-TL Probes have V-shaped nitride cantilevers for imaging soft samples. These probes can be used for force-distance mode, tapping mode, or contact mode in air or liquid.

Cantilever Specifications

Material	: Silicon Nitride
Shape	: Rectangular
Reflex coating	: None



Parameter	Nominal	Min	Max
k (N/m)	0.324	0.268	0.622
f (kHz)	78.0	65.0	96.0
Length (μm)	100.0	90.0	110.0
Width (μm)	25.0	22.0	28.0
Thickness (μm)	0.60	0.54	0.66