

HYDRA6V-200NG-TL

HYDRA6V-200NG-TL probes are tipless probes designed primarily for use in contact mode, but can also be useful for non-contact / tapping mode applications. 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.

Cantilever Specifications

Material	: Silicon Nitride
Shape	: Rectangular
Reflex coating	: Au, 40 nm \pm 5 nm



Parameter	Nominal	Min	Max
k (N/m)	0.045	0.030	0.065
f (kHz)	20.0	15.0	23.0
Length (μm)	200.0	190.0	210.0
Width (μm)	22.0	19.0	25.0
Thickness (μm)	0.60	0.58	0.62