

HYDRA2R-50NGG-TL

HYDRA2R-50NGG probes are tipless probes primarily designed for force-distance applications in both air and fluid mediums. They have narrow, rectangular cantilevers and are suited for non-contact / tapping mode or contact mode applications. The Gold coating on both the reflex and tip sides 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)	0.084	0.030	0.250
f (kHz)	104.0	65.0	179.0
Length (μm)	50.0	40.0	60.0
Width (μm)	35.0	30.0	40.0
Thickness (μm)	0.20	0.18	0.22