

HYDRA6R-200NGG-TL

HYDRA6R-200NGG-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 rectangular cantilever retains a low spring constant, and 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)	0.035	0.024	0.052
f (kHz)	20.0	10.0	30.0
Length (μm)	200.0	190.0	210.0
Width (μm)	35.0	30.0	40.0
Thickness (μm)	0.60	0.58	0.62