

HYDRA2R-100NGG-TL

HYDRA2R-100NGG-TL probes are tipless probes used for imaging soft samples in both air and fluid mediums. They have narrow, rectangular cantilevers which are appropriate for both non-contact / tapping mode and contact mode applications. These probes are coated with Gold on both the reflex and tip sides, allowing 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)	0.011	0.005	0.022
f (kHz)	26.0	19.0	35.0
Length (μm)	100.0	90.0	110.0
Width (μm)	35.0	30.0	40.0
Thickness (μm)	0.20	0.18	0.22