

# HYDRA6V-200WGG-TL

HYDRA6V-200WGG-TL probes are tipless probes designed primarily for use in non-contact / tapping mode, but can also be useful for contact mode applications. The short, wide, 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	: Triangular
Reflex coating	: Au, 40 nm $\pm$ 5 nm



Parameter	Nominal	Min	Max
k (N/m)	0.081	0.047	0.135
f (kHz)	17.0	14.0	21.0
Length ( $\mu\text{m}$ )	200.0	190.0	210.0
Width ( $\mu\text{m}$ )	40.0	37.0	43.0
Thickness ( $\mu\text{m}$ )	0.60	0.54	0.66