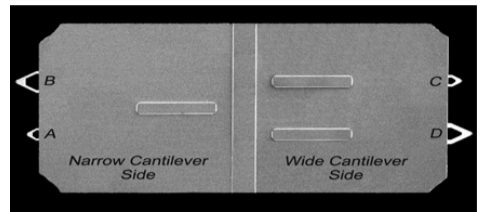


HYDRA-All

4 Triangular Silicon Nitride Cantilevers on one chip; $k=0.292, 0.045, 0.405, 0.081$; 10 probes/box

Tip Specifications

- **Material:** Silicon
- **Shape:** Tetrahedral
- **Height (μm):** 4-6



[HYDRA-All](#)

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Cantilever Specifications

Reflex coating: Uncoated

Parameter	Nominal	Min	Max	Cantilever
k (N/m)	0.292	0.133	0.621	A
f (kHz)	66.0	49.0	90.0	A
Length (μm)	100.0	90.0	110.0	A
Width (μm)	18.0	15.0	21.0	A
k (N/m)	0.045	0.024	0.079	B
f (kHz)	17.0	14.0	21.0	B
Length (μm)	200.0	190.0	210.0	B
Width (μm)	22.0	19.0	25.0	B
k (N/m)	0.405	0.195	0.828	C
f (kHz)	67.0	50.0	91.0	C
Length (μm)	100.0	90.0	110.0	C
Width (μm)	25.0	22.0	28.0	C
k (N/m)	0.081	0.047	0.135	D
f (kHz)	17.0	14.0	21.0	D
Length (μm)	200.0	190.0	210.0	D
Width (μm)	40.0	37.0	43.0	D