

# FORT-TL

FORT-TL probes are Tipless silicon probes designed for Force Modulation applications. These probes have a medium frequency and spring constant that make them ideally suited to Force Modulation Microscopy.

## Cantilever Specifications

Material	: Silicon
Shape	: Rectangular
Reflex coating	: None



Parameter	Nominal	Min	Max
k (N/m)	1.6	0.6	3.7
f (kHz)	61.0	43.0	81.0
Length ( $\mu\text{m}$ )	225.0	215.0	235.0
Width ( $\mu\text{m}$ )	27.0	22.0	32.0
Thickness ( $\mu\text{m}$ )	2.70	2.20	3.20