

**High Resolution Semicontact / Noncontact Silicon AFM Cantilevers NSG10 series, resonant frequency 140-390kHz, force constant 3,1-37,6N/m - separated chips**

Art. ID	TIPS-NSG10/400
Unit	300 separated chips
Deliverydetails	No Dangerous Good /not restricted

Description

High Resolution Silicon AFM Cantilevers NSG10 series are designed for Semicontact ( Intermittent ), Noncontact applications. Typical Resonant Frequency 240 kHz (guaranteed range 140-390kHz), Typical Force Constant 11.8 N/m (guaranteed range 3,1-37,6N/m). Cantilever has Au reflective side coating to increase laser signal.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Special Features						
	Cantilever length, L±10 µm		95	µm		
	Cantilever width, W±5µm		30	µm		
	Cantilever thickness, T ±0.5µm		2	µm		
	Resonant frequency, kHz , min		140	kHz		
	Resonant frequency, kHz , typical		240	kHz		
	Resonant frequency, kHz , max		390	kHz		
	Force constant, N/m, mi n		3,1	N/m		
	Force constant, N/m, mi n		11,8	N/m		