

High Resolution Semicontact / Noncontact Silicon AFM Cantilevers NSG01 series, resonant frequency 87-230kHz, force constant 1,45-15,1N/m - separated chips

Art. ID	TIPS-NSG01/200
Unit	200 separated chips
Deliverydetails	No Dangerous Good /not restricted

Description

High Resolution Silicon AFM Cantilevers NSG01 series are designed for Semicontact (Intermittent), Noncontact applications. Typical Resonant Frequency 150 kHz (guaranteed range 87-230kHz), Typical Force Constant 5.1 N/m (guaranteed range 1.45-15.1N/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±10μm		125	μm		
	Cantilever width, W±5μm		30	μm		
	Cantilever thickness, T±0.5μm		2.0	μm		
	Resonant frequency, kHz, min		87	kHz		
	Resonant frequency, kHz, typical		150	kHz		
	Resonant frequency, kHz, max		230	kHz		
	Force constant, N/m, min		1,45	N/m		
	Force constant, N/m, mi		5,1	N/m		
	Force constant, N/m, mi		15,1	N/m		