

## Product Description

Noncontact/Semiconducting Probes NSG10n/TiN series with TiN tips coating.

Resonant frequency 190–325 kHz, force constant 5.5–22.5 N/m.

Cantilever has Au reflective side coating to increase laser signal.

Probes are packed in boxes with 15 and 50 pieces. Amount discount is included in the package price.

## General Features

Material	Single Crystal Silicon
Chip size	3.6×1.6×0.4mm
Reflective side coating	Au
Tip coating	TiN
Tip curvature radius	< 35nm

## Special Features

Cantilever series	Cantilever length, L±5μm	Cantilever width, W±3μm	Cantilever thickness, T±0.5μm	Resonant frequency, kHz			Force constant, N/m		
				min	typical	max	min	typical	max
NSG10/TiN	100	35	2.0	190	255	325	5.5	11.5	22.5