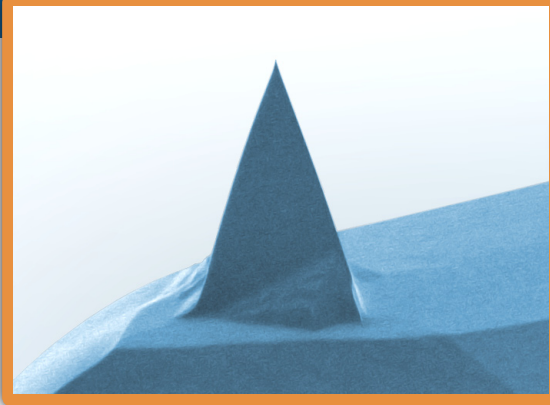


Low-cost

Silicon AFM Probes

by VISTAprobes™



— **High quality**

— **Low cost**

— **Guaranteed**

Request a
**FREE
Evaluation
Sample!**

*Limited time offer.
Contact us for details.*



Are you looking for AFM probes that are both reliable and affordable? Then look no further than VISTAprobes™. As the latest addition to Nanoscience Instruments' probe line, VISTAprobes feature high-end specifications, but at a mid to low-end price, making them the best value on the market. As an added value, we're offering volume discounts on all models (see reverse for details).

VISTAprobes are suited for a wide range of general applications with styles available for the most popular SPM imaging modes – such as contact mode, tapping/dynamic mode, and force modulation mode.

All VISTAprobes are manufactured from heavily doped single crystal silicon and created in a process that is highly controlled to ensure consistent, quality tips time after time. The probes feature precision alignment grooves and are compatible with virtually all AFMs including those by Nanosurf, Veeco, Asylum Research, Agilent, and others.

To learn more about VISTAprobes, please visit www.vistaprobes.com or call Nanoscience Instruments at 480.940.3940 or 888.777.5573 (toll free in USA & Canada).



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Common properties of all models	
Material	Single crystal silicon
Alignment Grooves	Yes
Tip Style/Geometry	Pyramidal
Tip Height	14 µm
Tip Radius	< 10 nm
Reflex Coating*	Aluminum (optional)

Also available online at store.nanoscience.com

Non-contact / Tapping

Model #: T300 Tapping mode, short cantilever, 300 kHz	Part #	Qty	Price	Spring Constant	Res. Freq.	Length	Mean Width	Thickness	
	T300 - 10	10	\$195.00	Typ: 40 N/m	Typ: 300 kHz	Typ: 125 µm	Typ: 40 µm	Typ: 4.0 µm	
	T300 - 25	25	\$460.00						
	50 or more - See Volume Discounts				Range: 20 - 75 N/m	Range: 200 - 400 kHz	Range: 115 - 140 µm	Range: 35 - 45 µm	Range: 3.0 - 5.0 µm
	T300 - W	400	\$3,999.00						
T300R - W*	400	\$4,299.00							

Model #: T190 Tapping mode, long cantilever, 190 kHz	Part #	Qty	Price	Spring Constant	Res. Freq.	Length	Mean Width	Thickness	
	T190 - 10	10	\$195.00	Typ: 48 N/m	Typ: 190 kHz	Typ: 225 µm	Typ: 40 µm	Typ: 7.0 µm	
	T190 - 25	25	\$460.00						
	50 or more - See Volume Discounts				Range: 20 - 95 N/m	Range: 145 - 230 kHz	Range: 215 - 235 µm	Range: 35 - 45 µm	Range: 6.0 - 8.0 µm
	T190 - W	400	\$3,999.00						
T190R - W*	400	\$4,299.00							

Contact Mode

Model #: CS Contact mode, short cantilever	Part #	Qty	Price	Spring Constant	Res. Freq.	Length	Mean Width	Thickness	
	CS - 10	10	\$195.00	Typ: 0.1 N/m	Typ: 28 kHz	Typ: 225 µm	Typ: 45 µm	Typ: 1.0 µm	
	CS - 25	25	\$460.00						
	50 or more - See Volume Discounts				Range: .02 - .18 N/m	Range: 18 - 38 kHz	Range: 215 - 235 µm	Range: 40 - 50 µm	Range: 0.5 - 1.5 µm
	CS - W	400	\$3,999.00						
CSR - W*	400	\$4,299.00							

Model #: CL Contact mode, long cantilever	Part #	Qty	Price	Spring Constant	Res. Freq.	Length	Mean Width	Thickness	
	CL - 10	10	\$195.00	Typ: 0.2 N/m	Typ: 12 kHz	Typ: 450 µm	Typ: 40 µm	Typ: 2.0 µm	
	CL - 25	25	\$460.00						
	50 or more - See Volume Discounts				Range: .07 - 0.4 N/m	Range: 8 - 16 kHz	Range: 425 - 475 µm	Range: 35 - 45 µm	Range: 1.0 - 3.0 µm
	CL - W	400	\$3,999.00						
CLR - W*	400	\$4,299.00							

Force Modulation

Model #: FM Force Modulation mode cantilever	Part #	Qty	Price	Spring Constant	Res. Freq.	Length	Mean Width	Thickness	
	FM - 10	10	\$195.00	Typ: 3.0 N/m	Typ: 62 kHz	Typ: 225 µm	Typ: 30 µm	Typ: 3.0 µm	
	FM - 25	25	\$460.00						
	50 or more - See Volume Discounts				Range: 1.2 - 6.4 N/m	Range: 47 - 76 kHz	Range: 215 - 235 µm	Range: 25 - 35 µm	Range: 2.5 - 3.5 µm
	FM - W	400	\$3,999.00						
FMR - W*	400	\$4,299.00							

Volume Discounts (available for all models)

VISTAprobes are packaged in quantities of 10, 25, and 400 (full wafer). Volume pricing is applied when ordering in multiples of 25. For example, when ordering 75 probes of the same part number, you'll get three 25-packs at the discounted price per pack shown.	Probe Quantity	Number of 25-packs	Price per 25-pack	Total Price
	50	2	\$395.00	\$790.00
	75	3	\$375.00	\$1,125.00
	100 or more	4 or more	\$355.00	

All prices shown in U.S. Dollars and subject to change without notice.

* Reflex Coating

An optional 30 nm thick aluminum coating on the detector side of the cantilever is offered at no additional cost on all products except wafers. Prices for Al-coated wafers with coating are listed above (T300R-W, T190R-W, CSR-W, CLR-W, FMR-W). To order all other VISTAprobes with coating, simply add an 'R' to the Model Number (example: T300R-25). Note: A reflex coating is required for all Nanosurf brand AFMs.