

Cantilevers, Calibration Standards, and Samples Price Guide

Asylum Research provides a variety of high quality cantilevers to the SPM community as well as calibration standards and samples. We are an official reseller of NANOSENSORS/NANOWORLD, Olympus, and SmartTip cantilevers, as well as our own Asylum Research MFM cantilevers. For US orders, we accept purchase and credit card orders. For international orders of Asylum Research MFM cantilevers, we accept only credit cards.

To place your order, you may send the purchase information to the following address:

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6310 Hollister Ave.
Santa Barbara, CA 93117
888-472-2795 toll free
805-696-6466 phone
805-696-6444 fax
sales@AsylumResearch.com

US and Canadian orders only for Olympus, NANOSENSORS/NANOWORLD and SmartTip cantilevers.

Cantilever Models and Descriptions

This Price Guide gives a brief description of the cantilever, any coatings, and the application that it is typically used for. The cantilevers that are marked with * are in stock for the pack quantities (*wafers/half wafers are not stocked*). Lead times for all other levers are approximately 3-4 weeks, but may be sooner. Contact Asylum Research to verify lead times. For additional information, see our web site at www.AsylumResearch.com.

NANOSENSORS/NANOWORLD Cantilever descriptions

- Arrow™—the unique arrow shape with the tip position at the very end of the cantilever allows easy positioning of the tip on the area of interest and a tip radius of <10nm.
- ATEC™—Advanced tip at the end of the cantilever for real tip visibility from the top.
- Hybrid-Nitride™—A hybrid silicon nitride probe with both rectangular and triangular tips for biological sample imaging and force measurements.
- Point Probe Plus™— PPP cantilever with a smaller tip radius, typically <7nm.
- SuperSharpSilicon™—SSS cantilevers for microroughness measurements with tip radius typically 2nm.
- Tipless cantilevers for a variety of imaging modes and applications.

Arrow, ATEC, Hybrid-Nitride, Point Probe Plus, SuperSharpSilicon are trademarks of Nanoworld AG. Pricing and tip availability subject to change without notice.

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Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
AC MODE						
AC160TS*		42	300	160	Si, AC, Al reflex coated	Olympus
AC160TS-W2 (375)	\$6,000					
AC160TS-70	\$1,850					
AC160TS-35	\$1,000					
AC160TS-10	\$350					
AC240TS*		2	70	240	Si, AC, Al reflex coated	Olympus
AC240TS-W2 (375)	\$6,000					
AC240TS-70	\$1,850					
AC240TS-35	\$1,000					
AC240TS-10	\$350					
Arrow NC		42	285	160	Si, Arrow, AC	Nanoworld
Arrow NC-W (385)	\$5,000					
Arrow NC-50	\$975					
Arrow NC-20	\$440					
Arrow NC-10	\$245					
Arrow NCR		42	285	160	Si, Arrow, AC, Al reflex coated	Nanoworld
Arrow NCR-W (385)	\$5,500					
Arrow NCR-50	\$1,070					
Arrow NCR-20	\$485					
Arrow NCR-10	\$270					
ATEC-NC		45	335	160	Si, ATEC, AC	Nanosensors
ATEC-NC-50	\$1,755					
ATEC-NC-20	\$795					
ATEC-NC-10	\$445					
HAW100WS		15	160	109	Si₃N₄ low wear, twin tip, Au reflex coated	Olympus
HA100WS-HW (245)	\$5,800					
HA100WS-34	\$1,750					
NCH		42	320	125	Si, AC, high frequency	Nanoworld
NCH-W (385)	\$5,672					
NCH-50	\$1,104					
NCH-20	\$500					
NCH-10	\$279					
NCHR		42	320	125	Si, AC, Al reflex coated	Nanoworld
NCHR-W (385)	\$6,239					
NCHR-50	\$1,215					
NCHR-20	\$550					
NCHR-10	\$307					
NCL		48	190	225	Si, AC, long	Nanoworld
NCL-W (385)	\$5,672					
NCL-50	\$1,104					
NCL-20	\$500					
NCL-10	\$279					
NCLR		48	190	225	Si, AC, long, Al reflex coated	Nanoworld
NCLR-W (385)	\$6,239					
NCLR-50	\$1,215					
NCLR-20	\$550					
NCLR-10	\$307					
PPP-NCH		42	330	125	Si, AC	Nanosensors
PPP-NCH-W (380)	\$6,409					
PPP-NCH-50	\$1,265					
PPP-NCH-20	\$573					
PPP-NCH-10	\$320					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
PPP-NCHR		42	330	125	Si, AC, Al reflex coated	Nanosensors
PPP-NCHR-W (380)	\$6,409					
PPP-NCHR-50	\$1,265					
PPP-NCHR-20	\$573					
PPP-NCHR-10	\$320					
PPP-NCL		48	190	225	Si, AC, long	Nanosensors
PPP-NCL-W (380)	\$6,409					
PPP-NCL-50	\$1,265					
PPP-NCL-20	\$573					
PPP-NCL-10	\$320					
PPP-NCLR		48	190	225	Si, AC, long, Al reflex coated	Nanosensors
PPP-NCLR-W (380)	\$6,409					
PPP-NCLR-50	\$1,265					
PPP-NCLR-20	\$573					
PPP-NCLR-10	\$320					
PPP-NCVH		140	1110	50	Si, AC, Very High Frequency	Nanosensors
PPP-NCVH-50	\$3,036					
PPP-NCVH-20	\$1,376					
PPP-NCVH-10	\$796					
PPP-RT-NCHR		42	330	125	Si, AC, Al reflex coated 180° tip rotation	Nanosensors
PPP-RT-NCHR-50	\$1,265					
PPP-RT-NCHR-20	\$573					
PPP-RT-NCHR-10	\$320					
PPP-ZEIHR		27	130	225	Si, AC, Al reflex coated, Zeiss	Nanosensors
PPP-ZEIHR-W (380)	\$6,409					
PPP-ZEIHR-50	\$1,265					
PPP-ZEIHR-20	\$573					
PPP-ZEIHR-10	\$320					
ZEIHR		27	130	225	Si, AC, Al reflex coated, Zeiss	Nanoworld
ZEIHR-W (385)	\$6,239					
ZEIHR-50	\$1,215					
ZEIHR-20	\$550					
ZEIHR-10	\$307					
CONTACT MODE						
Arrow CONT		0.2	14	450	Si, Contact	Nanoworld
Arrow CONT-W (385)	\$5,000					
Arrow CONT-50	\$975					
Arrow CONT-20	\$440					
Arrow CONT-10	\$245					
Arrow CONTR		0.2	14	450	Si, Contact, Al reflex coated	Nanoworld
Arrow CONTR-W (385)	\$5,500					
Arrow CONTR-50	\$1,070					
Arrow CONTR-20	\$485					
Arrow CONTR-10	\$270					
ATEC-CONT		0.2	15	450	Si, Contact	Nanosensors
ATEC-CONT-50	\$1,755					
ATEC-CONT-20	\$795					
ATEC-CONT-10	\$445					
Bio-Lever*		0.027, 0.006	37, 13	60, 100	Si₃N₄, small, low noise, force measurements, Contact, AC in Fluid Au coated both sides	Olympus
BL-RC-150VB-HW (210)	\$5,850					
BL-RC-150VB-70	\$1,980					
BL-RC-150VB-35	\$1,094					
BL-RC-150VB-10	\$350					
BL-RC-150VB-SGL	\$40					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
CONT		0.2	13	450	Si, Contact	Nanoworld
CONT-W (385)	\$5,672					
CONT-50	\$1,104					
CONT-20	\$500					
CONT-10	\$279					
CONTR		0.2	13	450	Si, Contact, Al reflex coated	Nanoworld
CONTR-W (385)	\$6,239					
CONTR-50	\$1,215					
CONTR-20	\$550					
CONTR-10	\$307					
PPP-BSI		0.25	28	225	Si, Contact, Bio samples	Nanosensors
PPP-BSI-50	\$1,898					
PPP-BSI-20	\$860					
PPP-BSI-10	\$481					
PPP-CONT		0.2	13	450	Si, PPP, Contact	Nanosensors
PPP-CONT-W (380)	\$6,409					
PPP-CONT-50	\$1,265					
PPP-CONT-20	\$573					
PPP-CONT-10	\$320					
PPP-CONTR		0.2	13	450	Si, Contact, Al reflex coated	Nanosensors
PPP-CONTR-W (380)	\$6,409					
PPP-CONTR-50	\$1,265					
PPP-CONTR-20	\$573					
PPP-CONTR-10	\$320					
PPP-RT-CONTR		0.2	13	450	Si, Contact, Al reflex coated, 180° tip rotation	Nanosensors
PPP-RT-CONTR-50	\$1,265					
PPP-RT-CONTR-20	\$573					
PPP-RT-CONTR-10	\$320					
PPP-ZEILR		1.6	27	450	Si, Contact, Al reflex coated, Zeiss	Nanosensors
PPP-ZEILR-W (380)	\$6,409					
PPP-ZEILR-50	\$1,265					
PPP-ZEILR-20	\$573					
PPP-ZEILR-10	\$320					
TR400PB		0.09, 0.02	32, 10	100, 200	Si₃N₄, Contact, Au tip coated, Au reflex coated	Olympus
TR400PB-34	\$1,100					
TR400PSA		0.08, 0.02	34, 11	100, 200	Si₃N₄, Contact Au reflex coated	Olympus
TR400PSA-HW (245)	\$3,650					
TR400PSA-70	\$1,200					
TR400PSA-35	\$750					
TR400PSA-10	\$250					
TR800PB		0.61, 0.16	68, 22	100, 200	Si₃N₄, Contact, Au tip coated, Au reflex coated	Olympus
TR800PB-34	\$1,100					
TR800PSA*		0.57, 0.15	73, 24	100, 200	Si₃N₄, Contact, Au reflex coated	Olympus
TR800PSA-W (490)	\$6,000					
TR800PSA-70	\$1,200					
TR800PSA-35	\$650					
TR800PSA-10	\$200					
ZEILR		1.6	27	450	Si, Contact, Al reflex coated, Zeiss	Nanoworld
ZEILR-W (385)	\$6,239					
ZEILR-50	\$1,215					
ZEILR-20	\$550					
ZEILR-10	\$307					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
Electric Force						
CONTPt		0.2	13	450	Si, Contact, Pt/Ir tip coated PT/Ir reflex coated	Nanoworld
CONTPt-W (385)	\$8,508					
CONTPt-50	\$1,657					
CONTPt-20	\$751					
CONTPt-10	\$419					
EFM		2.8	75	225	Si, EFM, Pt/Ir tip coated Pt/Ir reflex coated	Nanoworld
EFM-W (385)	\$8,508					
EFM-50	\$1,657					
EFM-20	\$751					
EFM-10	\$419					
Electri-Lever		2	70	240	Si, AC, Contact, EFM, KPM,SCM, Pt tip coated, Al reflex coated	Olympus
AC240TM-W2 (375)	\$9,850					
AC240TM-70	\$2,000					
AC240TM-35	\$1,050					
AC240TM-10	\$350					
NCHPt		42	320	125	Si, AC, Pt/Ir tip coated, Pt/IR reflex coated	Nanoworld
NCHPt-W (385)	\$8,508					
NCHPt-50	\$1,657					
NCHPt-20	\$751					
NCHPt-10	\$419					
PPP-EFM		2.8	75	225	Si, EFM, Pt/Ir tip coated Pt/Ir reflex coated	Nanosensors
PPP-EFM-W (370)	\$8,973					
PPP-EFM-50	\$1,771					
PPP-EFM-20	\$803					
PPP-EFM-10	\$449					
PPP-NCHPt		42	330	125	Si, AC, Pt/Ir tip coated Pt/Ir reflex coated	Nanosensors
PPP-NCHPt-W (380)	\$8,973					
PPP-NCHPt-50	\$1,771					
PPP-NCHPt-20	\$803					
PPP-NCHPt-10	\$449					
PPP-NCLPt		48	190	225	Si, AC, long, Pt/Ir tip coated Pt/Ir reflex coated	Nanosensors
PPP-NCLPt-W (380)	\$8,973					
PPP-NCLPt-50	\$1,771					
PPP-NCLPt-20	\$803					
PPP-NCLPt-10	\$449					
LFM/FORCE MODULATION						
Arrow FM		2.8	75	225	Si, FM	Nanoworld
Arrow FM-W (385)	\$5,000					
Arrow FM-50	\$975					
Arrow FM-20	\$440					
Arrow FM-10	\$245					
Arrow FMR		2.8	75	225	Si, FM, Al reflex coated	Nanoworld
Arrow FMR-W (385)	\$5,500					
Arrow FMR-50	\$1,070					
Arrow FMR-20	\$485					
Arrow FMR-10	\$270					
ATEC-FM		2.8	85	240	Si, FM	Nanosensors
ATEC-FM-50	\$1,755					
ATEC-FM-20	\$795					
ATEC-FM-10	\$445					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
FM		2.8	75	225	Si, FM	Nanoworld
FM-W (385)	\$5,672					
FM-50	\$1,104					
FM-20	\$500					
FM-10	\$279					
FMR		2.8	75	225	Si, FM, Al reflex coated	Nanoworld
FMR-W (385)	\$6,239					
FMR-50	\$1,215					
FMR-20	\$550					
FMR-10	\$307					
LFMR		0.2	23	225	Si, LFM, Al reflex coated	Nanoworld
LFMR-W (385)	\$11,344					
LFMR-50	\$2,209					
LFMR-20	\$1,001					
LFMR-10	\$559					
PPP-FM		2.8	75	225	Si, FM	Nanosensors
PPP-FM-W (380)	\$6,409					
PPP-FM-50	\$1,265					
PPP-FM-20	\$573					
PPP-FM-10	\$320					
PPP-FMR		2.8	75	225	Si, FM, Al reflex coated	Nanosensors
PPP-FMR-W (380)	\$6,409					
PPP-FMR-50	\$1,265					
PPP-FMR-20	\$573					
PPP-FMR-10	\$320					
PPP-LFMR		0.2	23	225	Si, LFM, Al reflex coated	Nanosensors
PPP-LFMR-W (380)	\$7,691					
PPP-LFMR-50	\$1,518					
PPP-LFMR-20	\$688					
PPP-LFMR-10	\$385					
PPP-RT-FMR		2.8	75	225	Si, FM, Al reflex coated, 180° tip rotation	Nanosensors
PPP-RT-FMR-50	\$1,265					
PPP-RT-FMR-20	\$573					
PPP-RT-FMR-10	\$320					
RC800PB		0.42,0.82, 0.06,0.11	64, 66, 17, 17	100, 200	LFM, Au tip coated, Au reflex coated	Olympus
RC800PB-34	\$1,100					
RC800PSA		0.39,0.76, 0.05,0.10	69, 71, 18, 19	100, 200	LFM, Au reflex coated	Olympus
RC800PSA-W (490)	\$6,000					
RC800PSA-70	\$1,200					
RC800PSA-35	\$650					
RC800PSA-10	\$200					

MAGNETIC FORCE

ASYMFM (Standard)*		1-2	55-90	240	MFM, 50nm CoCr coated	Asylum
ASYMFM-W (375)	\$10,000					
ASYMFM-HW (190)	\$5,500					
ASYMFM-70	\$3,000					
ASYMFM-35	\$1,650					
ASYMFM-10	\$500					
ASYMFM-5	\$325					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
ASYMFMHC*		1-2	55-90	240	MFM, high coercivity, >5000 Oe, 45nm CoPt & FePt	Asylum
ASYMFMHC-W (375)	\$15,000					
ASYMFMHC-HW (190)	\$8,300					
ASYMFMHC-70	\$4,500					
ASYMFMHC-35	\$2,475					
ASYMFMHC-10	\$750					
ASYMFMHC-5	\$450					
ASYMFMHM*		1-2	55-90	240	MFM, high moment, 100nm CoCr coated, coercivity 500-650Oe	Asylum
ASYMFMHM-W (375)	\$11,000					
ASYMFMHM-HW (190)	\$6,000					
ASYMFMHM-70	\$3,300					
ASYMFMHM-35	\$1,800					
ASYMFMHM-10	\$550					
ASYMFMHM-5	\$350					
ASYMFMLC*		1-2	55-90	240	High frequency MFM, low coercivity <10 Oe, 30nm permalloy coated	Asylum
ASYMFMLC-W (375)	\$11,000					
ASYMFMLC-HW (190)	\$6,000					
ASYMFMLC-70	\$3,300					
ASYMFMLC-35	\$1,800					
ASYMFMLC-10	\$550					
ASYMFMLC-5	\$350					
ASYMFMLM*		1-2	55-90	240	MFM, low moment, 15nm CoCr coated	Asylum
ASYMFMLM-W (375)	\$11,000					
ASYMFMLM-HW (190)	\$6,000					
ASYMFMLM-70	\$3,300					
ASYMFMLM-35	\$1,800					
ASYMFMLM-10	\$550					
ASYMFMLM-5	\$350					
ASYMFMSMPL-25*	\$1,700				Sample pack of five of each Asylum MFM cantilevers.	Asylum
MFMR		2.8	75	225	Si, MFM, Al coated	Nanoworld
MFMR-W (380)	\$12,316					
MFMR-50	\$2,430					
MFMR-20	\$1,101					
MFMR-10	\$615					
PPP-MFMR		2.8	75	225	Si, MFM, Co tip coated Al reflex coated, (hard magnetic)	Nanosensors
PPP-MFMR-W (370)	\$13,459					
PPP-MFMR-50	\$2,728					
PPP-MFMR-20	\$1,237					
PPP-MFMR-10	\$691					
SC-20-LM		2.8	75	225	Si, MFM, 20nm Ni side coat, Al reflex coated, coercivity <50	SmartTip
SC-20-LM-200	\$12,655					
SC-20-LM-80	\$6,375					
SC-20-LM-40	\$3,565					
SC-20-LM-20	\$1,975					
SC-20-LM-10	\$1,135					
SC-35-LM		2.8	75	225	Si, MFM, 35nm Ni side coat, Al reflex coated, coercivity <50	SmartTip
SC-35-LM-200	\$10,675					
SC-35-LM-80	\$5,380					
SC-35-LM-40	\$3,020					
SC-35-LM-20	\$1,675					
SC-35-LM-10	\$970					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
SC-10-M		2.8	75	225	Si, MFM, 10nm CoNi alloy side coat, Al reflex coated, coercivity >1000	SmartTip
SC-10-M-200	\$13,320					
SC-10-M-80	\$6,705					
SC-10-M-40	\$3,750					
SC-10-M-20	\$2,075					
SC-10-M-10	\$1,190					
SC-20-M		2.8	75	225	Si, MFM, 20nm CoNi alloy side coat, Al reflex coated, coercivity >1000	SmartTip
SC-20-M-200	\$11,335					
SC-20-M-80	\$5,712					
SC-20-M-40	\$3,200					
SC-20-M-20	\$1,775					
SC-20-M-10	\$1,025					
SC-35-M		2.8	75	225	Si, MFM, 35nm CoNi alloy side coat, Al reflex coated, coercivity >1000	SmartTip
SC-35-M-200	\$9,350					
SC-35-M-80	\$4,720					
SC-35-M-40	\$2,650					
SC-35-M-20	\$1,480					
SC-35-M-10	\$860					

SUPER SHARP TIPS

SSS-NCH		42	330	125	Si, high frequency, AC, tip radius <5nm	Nanoworld
SSS-NCH-W (380)	\$13,995					
SSS-NCH-50	\$2,762					
SSS-NCH-20	\$1,252					
SSS-NCH-10	\$699					
SSS-NCHR		42	330	125	Si, high frequency, AC, Al reflex coated, tip radius <5nm	Nanosensors
SSS-NCHR-W (370)	\$14,741					
SSS-NCHR-50	\$2,988					
SSS-NCHR-20	\$1,355					
SSS-NCHR-10	\$757					
SSS-NCL		48	190	225	Si, high frequency, AC, long cantilever tip radius <5nm	Nanoworld
SSS-NCL-W (380)	\$13,995					
SSS-NCL-50	\$2,762					
SSS-NCL-20	\$1,252					
SSS-NCL-10	\$699					
SSS-NCLR		48	190	225	Si, high frequency, AC, long cantilever, Al reflex coated tip radius <5nm	Nanosensors
SSS-NCLR-W (370)	\$14,741					
SSS-NCLR-50	\$2,988					
SSS-NCLR-20	\$1,355					
SSS-NCLR-10	\$757					

HIGH ASPECT RATIO TIPS

AC160BN		42	300	160	Si, AC, Tip aspect ratio >5:1	Olympus
AC160BN-W2 (375)	\$10,200					
AC160BN-12	\$1,000					
AR5-NCH		42	330	125	Si, AC, Tip aspect ratio, > 5:1	Nanosensors
AR5-NCH-W (370)	\$17,304					
AR5-NCH-50	\$3,508					
AR5-NCH-20	\$1,590					
AR5-NCH-10	\$889					
AR5-NCHR		42	330	125	Si, AC, Al reflex coated tip aspect ratio, > 5:1	Nanoworld
AR5-NCHR-W (380)	\$16,795					
AR5-NCHR-50	\$3,314					
AR5-NCHR-20	\$1,502					
AR5-NCHR-10	\$839					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
AR5-NCL		48	190	225	Si, AC, long, tip aspect ratio > 5:1	Nanosensors
AR5-NCL-W (370)	\$17,304					
AR5-NCL-50	\$3,508					
AR5-NCL-20	\$1,590					
AR5-NCL-10	\$889					
AR5-NCLR		48	190	225	Si, AC, long, Al reflex coated, tip aspect ratio > 5:1	Nanoworld
AR5-NCLR-W (380)	\$16,795					
AR5-NCLR-50	\$3,314					
AR5-NCLR-20	\$1,502					
AR5-NCLR-10	\$839					
AR5T-NCH		42	330	125	Si, AC, tip aspect ratio > 5:1, tilt compensation 13°	Nanosensors
AR5T-NCR-W (380)	\$25,636					
AR5T-NCH-50	\$5,268					
AR5T-NCH-20	\$2,388					
AR5T-NCH-10	\$1,334					
AR5T-NCHR		42	330	125	Si, AC, Al reflex coated, tip aspect ratio > 5:1, tilt compensation 13°	Nanoworld
AR5T-NCHR-W (365)	\$25,192					
AR5T-NCHR-50	\$4,972					
AR5T-NCHR-20	\$2,254					
AR5T-NCHR-10	\$1,259					
AR10-NCH		42	330	125	Si, AC, tip aspect ratio > 5:1	Nanosensors
AR10-NCH-W (370)	\$25,636					
AR10-NCH-50	\$5,268					
AR10-NCH-20	\$2,388					
AR10-NCH-10	\$1,334					
AR10-NCHR		42	330	125	Si, AC, Al reflex coated, tip aspect Ratio, ≥ 10:1	Nanoworld
AR10-NCHR-W (380)	\$25,192					
AR10-NCHR-50	\$4,972					
AR10-NCHR-20	\$2,254					
AR10-NCHR-10	\$1,259					
AR10T-NCH		42	330	125	Si, AC, tip aspect ratio ≥ 10:1, tilt compensation 13°	Nanosensors
AR10T-NCH-W (365)	\$38,454					
AR10T-NCH-50	\$7,902					
AR10T-NCH-20	\$3,582					
AR10T-NCH-10	\$2,002					
AR10T-NCHR		42	330	125	Si, AC, Al reflex coated, tip aspect ratio ≥ 10:1, tilt compensation 13°	Nanosensors
AR10T-NCHR-W (365)	\$38,454					
AR10T-NCHR-50	\$7,902					
AR10T-NCHR-20	\$3,582					
AR10T-NCHR-10	\$2,002					
DIAMOND COATED						
CDT-CONTR		0.2	13	450	Conductive diamond tip coated, Si, Contact, Al reflex coated	Nanosensors
CDT-CONTR-50	\$5,846					
CDT-CONTR-20	\$2,650					
CDT-CONTR-10	\$1,481					
CDT-FMR		2.8	75	225	Conductive diamond tip coated, Si, LFM/Force Mod, Al reflex coated	Nanoworld
CDT-FMR-W (380)	\$27,991					
CDT-FMR-50	\$5,524					
CDT-FMR-20	\$2,504					
CDT-FMR-10	\$1,399					
CDT-NCHR		42	330	125	Conductive diamond tip coated, Si, Contact, Al reflex coated, long cantilever	Nanoworld
CDT-NCHR-W (380)	\$27,991					
CDT-NCHR-50	\$5,524					
CDT-NCHR-20	\$2,504					
CDT-NCHR-10	\$1,399					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
CDT-NCLR		48	190	225	Conductive diamond tip coated, Si, Contact, Al reflex coated	Nanoworld
CDT-NCLR-W (380)	\$27,991					
CDT-NCLR-50	\$5,524					
CDT-NCLR-20	\$2,504					
CDT-NCLR-10	\$1,399					
DT-CONTR		0.2	13	450	Diamond tip coated, Si, Contact, Al reflex coated	Nanosensors
DT-CONTR-50	\$4,677					
DT-CONTR-20	\$2,120					
DT-CONTR-10	\$1,185					
DT-FMR		2.8	75	225	Diamond tip, coated Si, LFM/Force Mod, Al reflex coated	Nanoworld
DT-FMR-W (380)	\$22,393					
DT-FMR-50	\$4,419					
DT-FMR-20	\$2,003					
DT-FMR-10	\$1,119					
DT-NCHR		42	330	125	Diamond tip coated, Si, AC, Al reflex coated	Nanoworld
DT-NCHR-W (380)	\$22,393					
DT-NCHR-50	\$4,419					
DT-NCHR-20	\$2,003					
DT-NCHR-10	\$1,119					
DT-NCLR		48	190	225	Diamond tip coated, Si, AC, Al reflex coated, long cantilever	Nanoworld
DT-NCLR-W (380)	\$22,393					
DT-NCLR-50	\$4,419					
DT-NCLR-20	\$2,003					
DT-NCLR-10	\$1,119					
TIPLESS						
Arrow TL1-50	\$900	0.04	7	450	Tipless, Arrow, Single Beam	Nanoworld
Arrow TL1Au-50	\$900	0.04	7	450		
Arrow TL2-50	\$900	0.03	6	500	Tipless, Arrow, Dual Beam	Nanoworld
Arrow TL2Au-50	\$900	0.03	6	500		
Arrow TL8-50	\$1,400	0.03	6	500	Tipless, Arrow, 8 Beam, Au top coated	Nanoworld
Arrow TL8Au-50	\$1,400	0.03	6	500		
TL-CONT		0.2	13	450	Si, Tipless, Contact	Nanosensors
TL-CONT-50	\$1,265					
TL-CONT-20	\$573					
TL-CONT-10	\$320					
TL-FM		2.8	75	225	Si, Tipless, FM	Nanosensors
TL-FM-50	\$1,265					
TL-FM-20	\$573					
TL-FM-10	\$320					
TL-NCH		42	330	125	Si, Tipless, AC	Nanosensors
TL-NCH-50	\$1,265					
TL-NCH-20	\$573					
TL-NCH-10	\$320					
TL-NCL		48	190	225	Si, Tipless, long, AC	Nanosensors
TL-NCL-50	\$1,265					
TL-NCL-20	\$573					
TL-NCL-10	\$320					

Model Number	Price	Spring Constant (N/m)	Resonant Frequency (kHz)	Length (μm)	Lever Type/ Mode	Manufacturer
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Calibration Standards and Application Kits

Model Number	Price	Description	Manufacturer
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Calibration Standards

ALIGN-10	\$500	Alignment chip for Nanosensors' levers.	Nanoworld
2D100	\$1,600	XY calibration standard, 100nm pitch.	Nanoworld
2D200	\$1,000	XY calibration standard, 200nm pitch.	Nanoworld
2D300	\$1,000	XY calibration standard, 300nm pitch.	Nanoworld
FLAT	\$800	Flatness standard for correction in piezo tube scanners.	Nanoworld
H8	\$1,600	Z height calibration standard, 8nm step height.	Nanoworld

Samples and Application Kits

Nanoarray Sample	Call	S-layer protein crystals coated with Pt/C or TaW on silicon wafer, 5x5mm ² . For lateral calibration of scanner.	Asylum
SEBS Sample	\$200	KRATON™ G-1652 thermoplastic rubber triblock copolymer with polystyrene end blocks and a rubbery poly(ethylene-butylene) mid block with a monolayer to two layers thick (between 28nm and 50nm). Samples are all spin cast and annealed.	Asylum
DNA Imaging Kit	\$675	Includes two uncoated mica slides, one DNA coated mica slide, 2ml of DNA solution in a HEPES-NiCl buffer, 5ml of buffer, DNA solution for 10-15 experimental runs. Sample must be refrigerated. Price includes Fed Ex overnight shipping.	Asylum
Phase Imaging Kit	\$875	Includes 10 AC240TS and 10 AC160TS cantilevers, and SEBS sample, and technical notes.	Asylum
Spring Constant Calibration Kit	\$1,575	Includes two each, pre-calibrated AC160TS, AC240TS, and Bio-Levers; tungsten spheres for Added Mass method; Sader Method IGOR Pro software add-on; technical notes.	Asylum