

AFM Probe Models	Probe Attributes						AFM Mode							Life Science Samples						Materials Samples				
	Spring Constant [N/m]	Frequency [kHz]	Tip Radius [nm]	Cantilever Material	Tip Material	Bevel/ Tip Coating	Fast Scanning	PeakForce Tapping	Tapping	Contact	Force Curves	Electrical	Magnetic	Cells		Tissues		Bio-molecules		Polymers/ Soft samples		Hard Samples		
														Air	Liquid	Air	Liquid	Air	Liquid	Air	Liquid	Air	Liquid	
RTESPA-300	40	300	8	Si	Si	Al/none																		
VTESPA-300	42	300	5	Si	Si	Al/none																		
TESPA-V2	37	320	7	Si	Si	Al/none																		
SCANASYST-AIR-HPI	0.25	55	2	SiN	Si	Al/none																		
PFDT350	0.25	55	10	SiN	DLC	Al/none																		
FIB2-100A	42	320	10	Si	Si	Al/none																		
TESPA-HAR	42	320	10	Si	Si	Al/none																		
BNT-500-12	42	320	8	Si	DLC	Al/none																		
PEAKFORCE-HIRS-FB	0.12	100	1	SiN	Si	Au/none																		
PEAKFORCE-HIRS-FA	0.35	165	1	SiN	Si	Au/none																		
SCANASYST-FLUID+	0.7	150	2	SiN	Si	Au/none																		
SNL-10	0.06-0.35	18-65	2	SiN	Si	Au/none																		
PFQNM-LC-V2	0.1	85	70	SiN	DLC	none/Au																		
SCANASYST-FLUID	0.7	150	20	SiN	SiN	Au/none																		
SAA-SPH-10UM	0.25	13	10000	SiN	SiN	Au/none																		
MLCT-SPH-10UM-DC	0.01-0.7	3-17.5	10000	SiN	SiN	none/Au																		
AD-40-AS	40	200	10	Si	Si	Au/SCD																		
PEAKFORCE-SECM	1.5	69	25	Si	Pt	Au/SiO2																		
PFTUNA	0.4	70	25	SiN	Si	PtIr/PtIr																		
SCM-PIC-V2	0.1	10	25	Si	Si	PtIr/PtIr																		
MESP-V2	3	75	35	Si	Si	CoCr/CoCr																		
PFQNE-AL	0.8	300	5	SiN	Si	Al/none																		
AD-2.8-AS	2.8	75	10	Si	Si	Au/SCD																		
SCM-PTSI	2.8	75	15	Si	Si	Al/PtSi																		
FASTSCAN-A	17	1400	5	SiN	Si	Al/none																		
FASTSCAN-B	1.8	450	5	SiN	Si	Au/none																		
FASTSCAN-C	0.8	300	5	SiN	Si	Au/none																		
FASTSCAN-D	0.25	110	5	SiN	Si	Au/none																		
RTESPA-150-30	5	150	30	Si	Si	Al/DLC																		
SAA-HPI-30	0.25	55	30	SiN	Si	Al/DLC																		
DDLTESP-V2	95	280	100	Si	Si	Al/DD																		
TT10	NA	NA	<1	W	W	NA																		
VITA-DMH-NANOTA-200	NA	NA	NA	Si	Si	NA																		
PR-UM-TnIR-A	3	75	20	Si	Si	Au/Au																		
PR-UM-TnIR-D	40	300	20	Si	Si	Au/Au																		
NP-O10	0.06-0.35	18-65	NA	SiN	NA	Au/None																		

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Bruker AFM Probes Nanofabrication Center

Camarillo, CA • USA
Phone +1.800.715.8440

AFMProbeOrders@bruker.com



www.BrukerAFMprobes.com