

PICOSCALE Sensor Heads

	C03	C04	F04	F01	L01
Sensor Heads					
Beam Geometry	Collimated		Focused		Line-focused
Focal Distance [mm]			70 (customizable)	10 (customizable)	30 or 50
Beam Waist Diameter [µm]	1590	350	100 **	28 *	50 x 1590
Working Distance [mm]	13 .. 5000	13 ... 500	70 ± 10 **	10 ± 0.5 *	± 10
Angular Working Range [°]	± 0.013	± 0.075	± 0.75 **	± 2 *	± 1.3 along focused axis
Environmental Compatibility	Air, HV, UHV				
Typical Targets	Mirror, Retro-Reflector	Mirror	Small Samples, Mirror		Cylindrical Samples
Comment					
Mechanical					
Dimensions [mm]	6 x 21 (Ø x L)	4 x 13 (Ø x L)	6 x 21 (Ø x L)	6 x 21 (Ø x L)	9 x 26 (Ø x L)