

Technical data Spherometer

	SpheroCompact®	SuperSpherotronic® HR	UltraSpherotronic®
Radius of curvature (convex)	+2.5 mm ... $+\infty$	+4 mm ... $+\infty$	+4 mm ... $+\infty$
Radius of curvature (concave)	-4 mm ... $-\infty$	-6 mm ... $-\infty$	-6 mm ... $-\infty$
Travel distance of linear encoder	± 12.5 mm	± 30 mm	± 30 mm
Diameter of sample (convex)	6 mm ... 500 mm	8 mm ... 500 mm	8 mm ... 500 mm
Diameter of sample (concave)	6 mm ... 500 mm	12 mm ... 500 mm	12 mm ... 500 mm
Measurement accuracy ¹⁾	Up to ± 0.05 %	Up to ± 0.01 %	Up to ± 0.005 %
Control unit	Separate control unit	Integrated into instrument base	Integrated into instrument base
Height	140 mm	289 mm	289 mm
Diameter	90 mm	185 mm	185 mm
Weight	1.5 kg	6.5 kg	6.5 kg
Type	Table top device	Table top device	Table top device

1) The maximum measurement accuracy depends on the radius of the lens and the ring used.