LASER SCANNING EUROPE

Ø 145mm*1

	Basic	Traveler	Flexi	Flexi in backpack	Prism sphere
Magnetic base*2	✓	✓	✓	✓	✓
Use for permanent marking*3	✓	✓	✓	✓	✓
Registration via mini prism*4	✓	✓	✓	✓	Mini prism integrated
Connection for optional adapter mounts*5	✓	✓	✓	✓	✓
Set optional with reference sphere pedestals	✓	✓	✓	Separately available	Separately available
Recommended operating & storage temperature*6	0 to +50 °C*7	-20 to +50 °C	-20 to +50 °C	-20 to +50 °C	-35 to +70 °C
Spheres in a set	6	6	6	6	1
Recommended usage	Suitable for tachymetric determination of reference marks	For daily use and especially suitable for travel	For daily use & fall-proof!	Suitable for mobile use & fall-proof!	Combination of laser scanner data & tacheometric measurements
Further characteristics	Sphere withstands normal stresses	Sphere can be dissembled for transport! Incl. bag	Sphere is very robust & durable thanks to integrated shock absorber	Sphere is very robust & durable Incl. backpack	Prism constant: -34.4mm (-1.35 in) / Leica: 0mm (0 in)

***1** 145mm is a standard diameter that is supported by all customary laser scanners. ***2** The magnet base allows easy attachment of the sphere to magnetic surfaces. ***3** Laser scanner reference points can be marked out permanently, for instance on fixed M8 thread rods/bolts. Reference spheres with such a characteristic have a female thread and, thus, can be screwed onto the reference points. ***4** The integrated ball screw as well as the precise fabrication allow the detection of the reference sphere by use of our mini prism (030-90023). ***5** By means of special adapters, you can attach the spheres to your standard accessories (e. g. surveying tripods, tachymeter rods etc.) or to unusual surfaces (e. g. window panes). ***6** All reference spheres are approved for the working area (ambient temperature) of scanners. This temperature usually amounts to 0 to 50 degrees. ***7** When the sphere is used at very cold ambient temperatures (< -5 degrees), the painted surface might be damaged. ***8** As of September 2022. We reserve the right to change prices.