

# Ø 200mm

	Set of 2 XXL	Set of 3 XXL	XXL Flexi	Set of 2 XXL Flexi	Set of 3 XXL Flexi
Magnetic base <sup>*1</sup>	✓	✓	✓	✓	✓
Use for permanent marking <sup>*2</sup>	✓	✓	✓	✓	✓
Registration via mini prism <sup>*3</sup>	✓	✓	✓	✓	✓
Connection for optional adapter mounts <sup>*4</sup>	✓	✓	✓	✓	✓
Set optional with reference sphere pedestals	Optionally available	Optionally available	Optionally available	Optionally available	Optionally available
Recommended operating & storage temperature <sup>*5</sup>	0 to +50 °C <sup>*6</sup>	0 to +50 °C <sup>*6</sup>	-40 to +75 °C	-40 to +75 °C	-40 to +75 °C
Spheres in a set	2	3	1	2	3
Recommended usage	For scanning objects with large dimensions	For scanning objects with large dimensions	For scanning objects with large dimensions & fall-proof!	For scanning objects with large dimensions & fall-proof!	For scanning objects with large dimensions & fall-proof!
Weight per single sphere	750g	750g	1070g <sup>*7</sup>	1070g <sup>*7</sup>	1070g <sup>*7</sup>
Further characteristics	Sphere withstands normal stresses	Sphere withstands normal stresses	Sphere is very robust & durable thanks to integrated shock absorber	Sphere is very robust & durable thanks to integrated shock absorber	Sphere is very robust & durable thanks to integrated shock absorber
Price <sup>*8</sup>	starting from 449 €	560 €	230 €	starting from 629 €	735 €

**\*1** The magnet base allows easy attachment of the sphere to magnetic surfaces. **\*2** 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. **\*3** 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). **\*4** 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). **\*5** All reference spheres are approved for the working area (ambient temperature) of scanners. This temperature usually amounts to 0 to 50 degrees. **\*6** When the sphere is used at very cold ambient temperatures (< -5 degrees), the painted surface might be damaged. **\*7** Supplied with additional strong magnet. **\*8** As of September 2022. We reserve the right to change prices.