

# Technical data OptiSpheric® IOL

	OptiSpheric® IOL R&D	OptiSpheric® IOL PRO 2
Power range	<ul style="list-style-type: none"> <li>• Water labelled, measured in air: -16.5 D ... -1 D and +1 D ... +41 D</li> <li>• Water labelled, measured in water: -50 D ... -2.5 D and +3 D ... +125 D</li> <li>• Water labelled, measured with model cornea: -200 D ... +150 D</li> </ul>	<ul style="list-style-type: none"> <li>• With model cornea: -200 D ... 0 D and 0 D ... +150 D</li> <li>• Without model cornea: -50 D ... -2.5 D and +3 D ... +125 D</li> </ul>
Power accuracy	0.3 %	0.3 %
MTF range	<ul style="list-style-type: none"> <li>• Water labelled, measured in air: +7 D ... +41 D</li> <li>• Water labelled, measured in water: +20 D ... +125 D</li> <li>• Water labelled, measured with model cornea: -45 D ... +45 D</li> </ul>	<ul style="list-style-type: none"> <li>• With model cornea: -200 D ... 0 D and 0 D ... +150 D</li> <li>• Without model cornea: -50 D ... -2.5 D and +3 D ... +125 D</li> </ul>
MTF accuracy	±2 % (0 ... 300 lp/mm)	±2 % (0 ... 300 lp/mm)
Apertures diameter	1 mm ... 6 mm with steps of 0.5 mm	1 mm ... 6 mm with steps of 0.5 mm
Radius and BFL accuracy	20 µm	10 µm
Max. batch size	1	100
Sample positioning	Manual	Automatic
Dimensions (h x w x d)	1,120 mm x 560 mm x 580 mm	1,850 mm x 860 mm x 860 mm
Weight	45 kg	300 kg
Type	Table top device	Stand alone