

Gold Series

INTRAOCULAR LENS • PREMIUM • PMMA

NOT ALL IOLs ARE THE SAME



MEDIPHACOS
OPHTHALMIC PROFESSIONALS

VISION IN EVOLUTION



PREMIUM QUALITY INTRAOCULAR LENSES

Mediphacos Gold Series PMMA intraocular lenses utilize the best PMMA, exclusive optical design and state-of-the-art technology. Mediphacos' excellence in the manufacturing of intraocular lenses has been translated into the implantation of more than 3 million IOLs worldwide, with over 20 years of clinical follow-up.

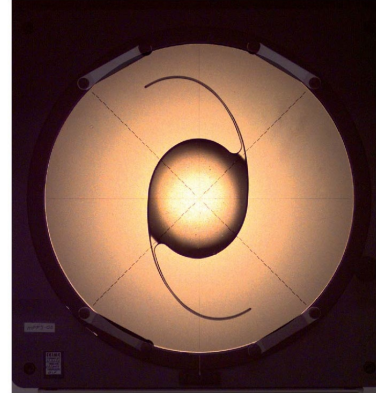
SMALL DETAILS MAKE A BIG DIFFERENCE

Material

Unlike other manufacturers, Mediphacos exclusively employs high-grade medical PMMA available in the market and is the only FDA-approved PMMA for intraocular implants.

Optical design

The asymmetrical biconvex optics keeps a 3/1 relationship between the anterior and posterior radii. This unique optical design provides superior image quality, without internal reflexion or spherical aberrations. The back surface convexity allows better contact between the implant and the posterior capsule, reducing the risk of opacification.



Mediphacos Manufacturing Technology

Gold Series IOLs are produced by CNC Sub-micron Precision Technology. The lenses are generated by advanced computerized numerical command lathes, which are extremely precise and vibration-free. Every Gold Series IOL has a minimum of 80% optical resolution efficacy (MTF), exceeding ISO 11979 minimum requirements.

Finishing

Through the Dual Polish Process (DPP), the Gold Series IOLs receive double optical polishing, with cerium oxide and "tumble polish" process, resulting in superior surface quality, with perfect edges, holes and haptics.

Quality Control

Each Gold Series IOL is subject to a full quality assurance system comprised of 23 different steps to verify dimensional, optical and mechanical properties. Our lens production is certified by international standards (ISO 9001 and ISO 13485), EU Medical Directive, and Good Manufacturing and Control Practices (ANVISA).

SELECTION GUIDE FOR INTRAOCULAR LENSES – SINGLE PIECE

SLIM		OP-6UG		KL-100		SI-52L		SF-70H		OP-72	
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Model	Optical Diameter	Optical Design	Total Diameter	Haptic Design	Angle	Positioning	A Constant	ACD	Available Powers	Increments
SLIM	5,6 mm	Biconvex asymmetric 3/1	12,5 mm	Centercap	10°	Capsular bag	118,3	5,1 mm	-10.0D to +35.0D	0.50D
SI-52L	5,25 mm	Biconvex asymmetric 3/1	12,5 mm	Centercap "L"	10°	Capsular bag	118,3	5,1 mm	-10.0D to +35.0D	0.50D
OP-6UG	6,0 mm	Biconvex asymmetric 3/1	12,5 mm	Centercap "L"	10°	Capsular bag	118,3	5,1 mm	-10.0D to +35.0D	0.50D
OP-72	7,0 mm	Biconvex asymmetric 3/1	13,5 mm	Openflex "C"	10°		118,3	5,1 mm	-10.0D to +35.0D	0.50D
SF-70H	7,0 mm	Biconvex asymmetric 3/1	13,5 mm	Openflex "C"	Step Vault	Scleral fixation	118,3	5,1 mm	-10.0D to +35.0D	0.50D
KL-100	6,0 mm	Biconvex asymmetric	13,3 mm	Tetraflex	0,5mm Step Vault		114,9	3,2 mm	-10.0D to +30.0D	1.0D