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BIO VISION

PMMA INTRAOCULAR LENS

BIO VISION PMMA intraocular lenses are manufactured of medical grade FDA approved UV absorbing Ploycast Polymethymethacrylate (PMMA). Single piece IOLs have highly flexible haptics. All PMMA IOLs are manufactured by CAD & CAM technology on precision CNC Lathe & CNC milling machines & checked under laser interferometer for better optical quality. Dioptric powers are available within the ranges indicated at each model, in increments of 0.5 diopter.



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PMMA INTRAOCULAR LENS

SPHERICAL, MONOFOCAL, SINGLE PIECE IOLs (Posterior Chamber)

Model	B60125C	B65135C	B50120C	B55125C	I55120C
OPTIC TYPE	Spheric	Spheric	Spheric	Spheric	Spheric
OPTIC SIZE	6.00 mm	6.50 mm	5.00 mm	5.50 mm	5.50 mm
OVERALL SIZE	12.50 mm	13.50 mm	12.00 mm	12.50 mm	12.00 mm
ANGULATION	10°	10°	5°	5°	5°
POSITIONING HOLES	2	2	0	0	0
ACD	5.14	5.11	5.49	5.44	5.49
REFRACTIVE INDEX	1.49	1.49	1.49	1.49	1.49
ESTIMATED A-CONSTANT	118.20	118.20	118.00	118.00	118.00
DIOPTER RANGE	D-10 TO +40	D-10 TO +40	D-10 TO +40	D-10 TO +40	D-10 TO +40
IMPLANTATION SITE	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)
STERILIZATION	EO	EO	EO	EO	EO

SPHERICAL, MONOFOCAL, 360° SQUARE EDGE, SINGLE PIECE IOLs (Posterior Chamber)

Model	FSQ525C	FSQ605C	FSQ613C	FSQ655C	SQ605C
OPTIC TYPE	Spheric	Spheric	Spheric	Spheric	Spheric
OPTIC SIZE	5.25 mm	6.00 mm	6.00 mm	6.50 mm	6.00 mm
OVERALL SIZE	12.50 mm	12.50 mm	13.00 mm	13.00 mm	12.50 mm
ANGULATION	5°	10°	10°	10°	10°
POSITIONING HOLES	0	2	2	2	2
ACD	5.47	5.14	5.14	5.11	5.14
REFRACTIVE INDEX	1.49	1.49	1.49	1.49	1.49
ESTIMATED A-CONSTANT	118.00	118.20	118.20	118.20	118.20
DIOPTER RANGE	D-10 TO +40	D-10 TO +40	D-10 TO +40	D-10 TO +40	D-10 TO +40
IMPLANTATION SITE	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)	Posterior Chamber (Capsular bag)
STERILIZATION	EO	EO	EO	EO	EO

SPHERICAL, MONOFOCAL, SINGLE PIECE IOLs (Anterior Chamber)

Model	B60125S	B60130S	I55125S
OPTIC TYPE	Spheric	Spheric	Spheric
OPTIC SIZE	6.00 mm	6.00 mm	5.50 mm
OVERALL SIZE	12.50 mm	13.00 mm	12.50 mm
ANGULATION	10°	10°	10°
POSITIONING HOLES	0	0	0
ACD	2.80	2.80	2.80
REFRACTIVE INDEX	1.49	1.49	1.49
ESTIMATED A-CONSTANT	114.30	114.30	114.30
DIOPTER RANGE	D-10 TO +40	D-10 TO +40	D-10 TO +40
IMPLANTATION SITE	Anterior Chamber	Anterior Chamber	Anterior Chamber
STERILIZATION	EO	EO	EO

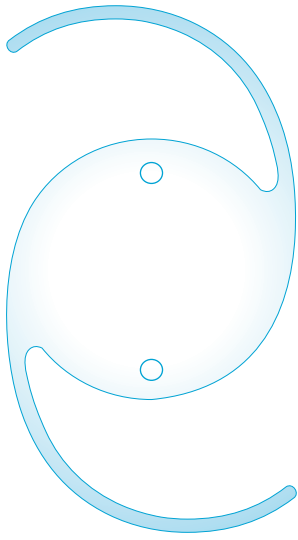
SPHERICAL, MONOFOCAL MULTIPIECE IOLs (Posterior Chamber)

Model	65135JM
OPTIC TYPE	Spheric
OPTIC SIZE	6.50 mm
OVERALL SIZE	13.50 mm
ANGULATION	10°
POSITIONING HOLES	2
ACD	5.11
REFRACTIVE INDEX	1.49
ESTIMATED A-CONSTANT	118.20
DIOPTER RANGE	D-10 TO +40
IMPLANTATION SITE	Posterior Chamber (Capsular bag)
STERILIZATION	EO

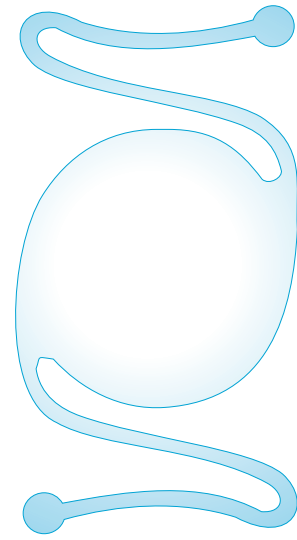
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PMMA INTRAOCULAR LENS

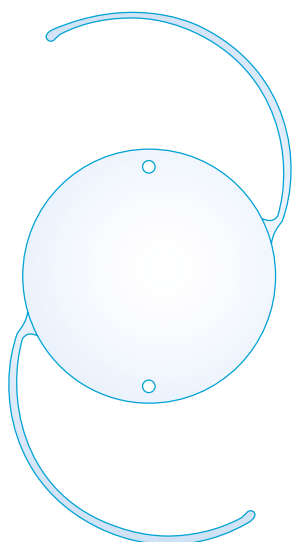
MONOFOCAL SINGLE PIECE
POSTERIOR CHAMBER IOL



MONOFOCAL SINGLE PIECE
ANTERIOR CHAMBER IOL



MONOFOCAL 360° SQUARE
EDGE POSTERIOR CHAMBER IOL



MONOFOCAL
MULTIPIECE IOL

