

# 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<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(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<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(Capsular bag) | Posterior Chamber<br>(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               |

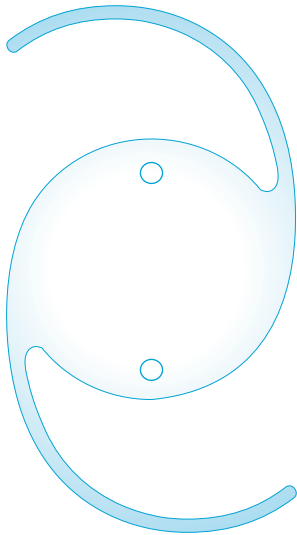
SPHERICAL, MONOFOCAL MULTIPIECE IOLs (Posterior Chamber)

| 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<br>(Capsular bag) |
| STERILIZATION        | EO                                  |

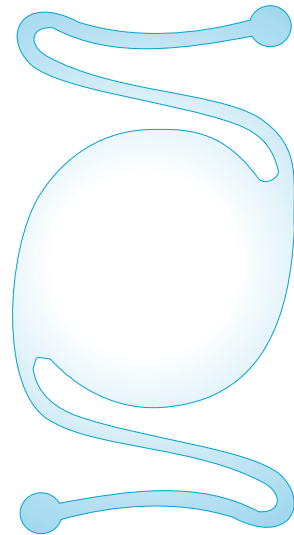
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PMMA INTRAOCULAR LENS

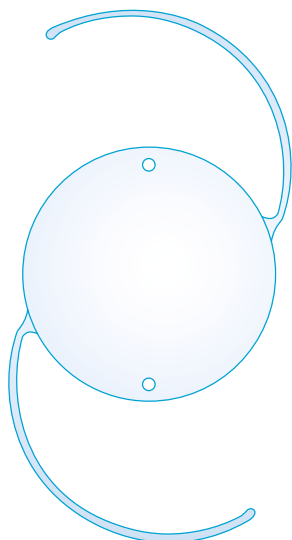
MONOFOCAL SINGLE PIECE  
POSTERIOR CHAMBER IOL



MONOFOCAL SINGLE PIECE  
ANTERIOR CHAMBER IOL



MONOFOCAL 360° SQUARE  
EDGE POSTERIOR CHAMBER IOL



MONOFOCAL  
MULTIPIECE IOL

