

# MEDICONTUR PMMA RANGE

## Standard Intraocular Lenses

|                      | 552 MP                                                                                    | 601 MP                                                                                    | 653 MP                                                                                    |
|----------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                      |          |         |        |
| Implantation site    | Posterior Chamber                                                                         | Posterior Chamber                                                                         | Posterior Chamber                                                                         |
| Overall diameter     | 5.5mm x 12.0mm                                                                            | 6.0mm x 12.5mm                                                                            | 6.5mm x 13.0mm                                                                            |
| Estimated A-constant | 117.4 (0.0D → +9.0D)<br>118.5 (+10.0D → +34.0D)                                           | 117.8 (0.0D → +9.0D)<br>118.9 (+10.0D → +34.0D)                                           | 117.8 (0.0D → +9.0D)<br>118.9 (+10.0D → +34.0D)                                           |
| Angulation           | 5° straight                                                                               | 8° stepped                                                                                | 8° stepped                                                                                |
| Available powers     | 0.0D → +9.0D (1.0D steps)<br>+10.0D → +27.0D (0.5D steps)<br>+28.0D → +34.0D (1.0D steps) | 0.0D → +9.0D (1.0D steps)<br>+10.0D → +27.0D (0.5D steps)<br>+28.0D → +34.0D (1.0D steps) | 0.0D → +9.0D (1.0D steps)<br>+10.0D → +27.0D (0.5D steps)<br>+28.0D → +34.0D (1.0D steps) |

## Special Intraocular Lenses

|                      | 608 MP<br>Negative Powers                                                           | 700 MP<br>Scleral Fixation                                                                | 91 A<br>Anterior Chamber                                                                  |
|----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                      |  |       |      |
| Implantation site    | Posterior Chamber                                                                   | Posterior Chamber                                                                         | Anterior Chamber                                                                          |
| Overall diameter     | 6.5mm x 13.5mm                                                                      | 7.0mm x 13.5mm                                                                            | 6.0mm x 12.75 mm                                                                          |
| Estimated A-constant | 117.8 (-1.0D → -10.0D)                                                              | 117.8 (0.0D → +9.0D)<br>118.9 (+10.0D → +34.0D)                                           | 114.5 (0.0D → +9.0D)<br>115.3 (+10.0D → +34.0D)                                           |
| Angulation           | 10° straight                                                                        | 10° straight                                                                              | 10° stepped                                                                               |
| Available powers     | -1.0D → -10.0D (1.0D steps)                                                         | 0.0D → +9.0D (1.0D steps)<br>+10.0D → +27.0D (0.5D steps)<br>+28.0D → +34.0D (1.0D steps) | 0.0D → +9.0D (1.0D steps)<br>+10.0D → +27.0D (0.5D steps)<br>+28.0D → +34.0D (1.0D steps) |

## Capsular Tension Rings

|                   | 10 SR/11 SR/12 SR                                                                   |                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |  |                                                                                                                                                                                                                             |
| Overall length    | 10.0 / 11.0 / 12.0mm                                                                |                                                                                                                                                                                                                             |
| Thickness         | 0.20mm                                                                              |                                                                                                                                                                                                                             |
| Positioning holes | 2 x 0.4mm                                                                           |                                                                                                                                                                                                                             |
|                   |                                                                                     | <b>PMMA technical specifications:</b><br>Material: PMMA with UV Absorber<br>Method of sterilization: Ethylene Oxide<br>Storage Temperature: +20°C > +50°C<br>Humidity: 30 > 60%<br>Shelf life: 5 years (from sterilization) |