

Not everyone can do this



**Introducing RayOne[®]
with patented Lock & Roll[™]**
technology for the smallest
fully preloaded IOL incision

RayOne[®] Aspheric fully preloaded IOL injection system with unique **Lock & Roll[™]** technology for a smoother, more consistent rolling and delivery of the lens via micro incision

True 2-step preloaded system

- Easy to use
- Minimises error
- Increases efficiency

Enhanced 6.0mm optic

- Minimal PCO*
- Proven technology for excellent stability^o
- Zero glistenings[†]

One system for the entire power range

- -10.0 D to +34.0 D
- Consistent through sub 2.2 mm incisions



RayOne® Aspheric Technical Information

| | |
|-----------------------|---|
| Model Name: | RayOne® Aspheric |
| Model Number: | RAO600C |
| Power Range: | -10.0 D to +7.0 D (1.0 D increments, inc. plano) +8.0 D to +30.0 D (0.5 D increments) +31.0 D to +34.0 D (1.0 D increments) |
| Delivery System Type: | Fully preloaded IOL injection system |
| Incision Size: | Sub 2.2 mm |

| Delivery System | |
|-----------------|--|
| Injector Type: | Single use, fully preloaded IOL injection system |
| Nozzle Size: | 1.65 mm |
| Bevel Angle: | 45° |
| Lens Delivery: | Single handed plunger |

| Aspheric Monofocal IOL | |
|------------------------|--|
| Material: | Single piece Rayacryl® hydrophilic acrylic |
| Water Content: | 26% in equilibrium |
| UV Protection: | Benzophenone UV absorbing agent |
| UV Light Transmission: | UV 10% cut-off is 380 nm |
| Refractive Index: | 1.46 |
| Overall Diameter: | 12.50 mm |
| Optic Diameter: | 6.00 mm |
| Optic Shape: | Biconvex (positive powers), Biconcave (negative powers) |
| Asphericity: | Anterior aspheric surface with aberration-neutral technology |
| Optic Edge Design: | Amon-Apple 360° enhanced square edge |
| Haptic Angulation: | 0°, uniplanar |
| Haptic style: | Closed loop with anti-vaulting haptic (AVH) technology |

| Estimated Constants for Optical Biometry | | | | | |
|--|--------|------|------|---------|----------|
| SRK/T | Haigis | | | HofferQ | Holladay |
| A-constant | a0 | a1 | a2 | pACD | SF |
| 118.6 | 1.17 | 0.40 | 0.10 | 5.32 | 1.56 |

For Contact Ultrasound, the estimated A-constant is 118.0

Please note that the constants indicated for all Rayner lenses are estimates and are for guidance purposes only. Surgeons must always expect to personalise their own constants based on initial patient outcomes, with further personalisation as the number of eyes increases.



Discover why RayOne® is in a class of its own visit rayner.com/rayone