Completely peel back the lid of the first blister pack. Carefully peel back the lid half way down the second blister pack. Carefully drain the saline from the blister tray and peel off remaining lid. **Do not remove the injector from the blister tray.** For hydrophilic lenses, do not wait more than 3 minutes before adding OVD - dehydration risk.

Keep the injector in the tray and close the cartridge firmly together by pushing the moving half of the cartridge (labelled 2) against the fixed half until you hear it click closed. Check both clips have “clicked” shut and secured the cartridge.

Gently lift out the injector from the tray. Press the plunger in a slow and controlled manner. If excessive resistance is felt this could indicate a blockage; discontinue use of the product and return the product and all packaging to Rayner. In the case of IOL rotation during ejection from the nozzle, gently rotate the injector in the opposite direction to counteract any movement.

Stop depressing the plunger when the IOL exits the nozzle. Discard the injector after use. Following implantation, irrigate/aspirate to eliminate any OVD residues from the eye, especially behind the IOL.

**NOTE.** Rayner's patented “Lock & Roll” injector technology uses the mechanical force of OVD inserted into the indicated port to move the IOL from ‘storage’ to ‘roll ready’ position at the bottom of the cartridge; do not add OVD directly via the nozzle tip.
Notes

RayOne Power Range

**Model Number**
- RAO600C Aspheric
- RAO610T Toric
- RAO613Z Trifocal Toric
- RAO800C Hydrophobic
- RAO850B Hydrophobic BLF
- RAO100C Spheric
- RAO603F Trifocal
- RAO200E EMV

**Aspheric & Spheric**
- -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)

**Toric standard**
- SE: +8.0 D to +30.0 D (0.5 D increments)
- Cylinder: +1.0 D to +6.0 D (0.5 D increments)

**Toric made to order**
- SE: +9.5 D to +34.5 D (0.5 D increments)
- Cylinder: +1.0 D to +11.0 D (0.5 D increments)
- Availability is subject to power combination

**Trifocal**
- 0.0 D to +30.0 D (0.5 D increments)
- SE: +6.0 D to +30.0 D (0.5 D increments)
- Cylinder: +0.75 D, +1.5 D, +2.25 D, +3.0 D, +3.75 D, +4.5 D

**RayOne Power Range**

**RayOne Technical Information**
- IOL Overall Diameter: 12.5 mm
- IOL Optic Diameter: 6 mm
- Injector Nozzle Size: 1.65 mm

**Estimated Constants for Optical Biometry**

<table>
<thead>
<tr>
<th>Biometry</th>
<th>Aspheric, Spheric, Hydrophobic, Hydrophobic BLF, EMV</th>
<th>Toric</th>
<th>Trifocal, Trifocal Toric</th>
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<td>118.6</td>
<td>118.6</td>
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<tr>
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<tr>
<td>LF</td>
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<tr>
<td>DF</td>
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<td>4 (SE)</td>
<td>3.5</td>
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</table>

SRK/T Haigis Holler EQ Holladay Holladay II Barrett Universal II
- 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.

If you experience a problem with a Rayner product, please immediately contact feedback@rayner.com

Contact your Rayner representative to learn more about RayOne preloaded IOLs

**Rayner Representative:**

**Telephone:**

<table>
<thead>
<tr>
<th>Service</th>
<th>Tel</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK CUSTOMER SERVICE</td>
<td>+44 (0) 1903 854 560</td>
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