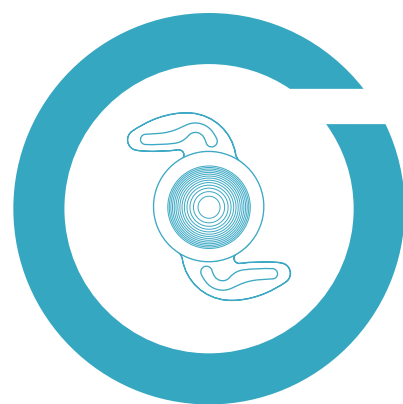


# RayOne Trifocal Technical Information



## RayOne Trifocal Technical Information

|              |                                                                                                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------|
| Model Name   | RayOne Trifocal                                                                                                               |
| Model Number | RAO603F                                                                                                                       |
| Power Range  | 0.0 D to +30.0 D (increments 0.5D)<br>Trifocal, diffractive,<br>+3.5 D near add and +1.75 D intermediate add at the IOL plane |

| 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 Trifocal 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                                                   |
| ABBE                  | 56                                                     |
| Overall Diameter      | 12.50 mm                                               |
| Optic Diameter        | 6.00 mm                                                |
| Optic Shape           | Biconvex (positive powers)                             |
| Asphericity           | 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                                    | 1.044  | 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](https://rayner.com/rayone)



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