



T-flex[®] Toric IOLs

HYDROPHILIC ACRYLIC INJECTABLE IOLS WITH AMON-APPLE ENHANCED SQUARE EDGE

Rayner[®] T-flex[®] Toric IOLs (573T and 623T) are a superior alternative to toric IOLs with a restricted range of torus and offer a precise, superior alternative to incisional keratotomy and Limbal Relaxing Incisions (LRIs) for the treatment of pre-existing corneal astigmatism. With T-flex[®] Toric IOLs, the torus (cylinder) is implemented on the anterior surface of the optic and the Amon-Apple Enhanced Square Edge on the posterior surface.

T-flex[®] Toric IOLs are particularly useful for those cataract patients where incisional methods would provide inadequate astigmatic correction. The choice of a T-flex[®] Toric IOL leads to more precise surgical results, especially for cases of severe astigmatism: patients with a history of corneal pathology, keratoconus with penetrating keratoplasty (corneal grafts) and patients with burns and corneal scarring.

Unlike plate-haptic and multipiece toric IOLs, T-flex[®] Toric IOLs have inherent rotational stability. Superb visual outcomes are achieved because of the dependable absence of rotation in lenses designed with Rayner's patented AVH Technology[®]. T-flex[®] IOLs are also available in a far greater range of cylinder and sphere combinations than some other toric IOLs, which are made with only a limited range of cylindrical additions; such lenses, having a maximum torus of 3.0D or 3.5D, are designed solely for those cataract patients with small, regular, pre-existing astigmatism. T-flex[®] Toric IOLs correct much higher astigmatism.

Rayner[®] T-flex[®] IOLs are currently manufactured as either model 573T or model 623T, having a 5.75mm optic or a 6.25mm optic respectively.

The model selection is made automatically by Rayner[®] so that the largest possible diameter optic is supplied for any particular sphere / cylinder / injector nozzle combination.

Model 623T is designed for low and medium power lenses and model 573T is designed for higher power lenses.

In addition to an excellent toric correction, T-flex® Toric IOLs offer all the additional advantages of C-flex and Superflex®.

- Patented AVH Technology® for perfect centration, anterior / posterior and torsional stability
- Exceptional rotational stability
 - Accurate, predictable and sustainable visual outcome with superior astigmatic correction
- Unique Amon-Apple Enhanced Square Edge for reduced PCO
- Manufactured from Rayacryl® hydrophilic acrylic co-polymer:
 - High biocompatibility
 - Low PCO
 - Optical purity – no vacuoles or glistenings
 - Low Silicone Oil adherence
 - Superb handling characteristics.
- Good range of spherical and cylindrical correction available.

Physical parameters

	MODEL NUMBER	
	573T	623T
Optic Body Diameter	5.75mm	6.25mm
Overall Length	12.00mm	12.50mm
Estimated SRK/T A-Constant	118.9	118.9
Theoretical ACD	4.97mm	4.97mm

Power Availability (573T and 623T)

Standard Power Range

Spheres: +6.0D to +30.0D in 0.5D increments

Cylinders: +1.0D to +2.5D in 0.5D increments
+3.0D to +6.0D in 1.0D increments.

Premium Range*

Spheres: -10.0D to +35.0D maximum (spherical equivalent) in 0.5D increments

Cylinders: +1.0D to +11.0D in 0.25D increments.

* Manufactured specifically to order.

Presentation

The Rayner® T-flex® (573T and 623T) hydrophilic acrylic injectable Toric IOLs are supplied in 0.9% saline solution in a pouched blister pack, sterilised by moist heat and presented in a convenient, ready to use Lens Injection System Pack containing:

- One T-flex® injectable IOL
- One Rayner® Single Use Soft-Tipped Injector

The IOL axis of lowest dioptric power is defined by two diametrically-opposed lines, etched onto the IOL periphery, which must be correctly aligned, intraoperatively, with the axis of the highest power of the cornea.

Please contact Customer Services at Rayner Intraocular Lenses Limited, or your local distributor for further information and order form.



Rayner Intraocular Lenses Ltd, Sackville Road, Hove, East Sussex, BN3 7AN, England
Tel: +44 (0) 1273 205401 Fax: +44 (0) 1273 324623

Note: T-flex® IOLs are not yet approved for sale in the US.
01/10 Copyright Rayner Intraocular Lenses Limited 2010. Unauthorised reproduction prohibited.