
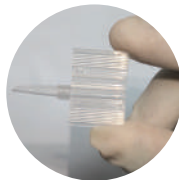


TECHNICAL SPECIFICATIONS

MODEL: HP7600AS

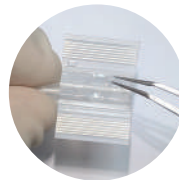
DESIGN CHARACTERISTICS		MATERIAL CHARACTERISTICS	
Optic Design	Aspheric (Negative Aberration)	Lens Material	Hydrophobic Acrylic
Haptics Design	Force Enduring Haptics	UV Cut off	10%
Convexity	Bi-Convex	Light Transmittance	More than 90%
Angulation	3° Angulation	Glass Transition Temperature	8° C
Square Edge	360° Square Edge		
A Constant	118.7 (Optical) 118.4 (Ultra Sound)	Refractive Index	1.47
ACD Value	5mm	<div>QR Code for Hydrophobic Loading Techniques: Scan and watch the video.</div> 	
Dioptr Range	5.0 D to 15.0 D in 1.0 D increment 15.0 D to 25.0 D in 0.5 D increment 25.0 D to 35.0 D in 1.0 D increment		
Delivery System	Disposable injector & cartridge for 2.2mm incision (5.0 D to 25.0 D) 2.8mm incision (25.0 D to 30.0 D) 3.2mm incision (above 30.0 D)		



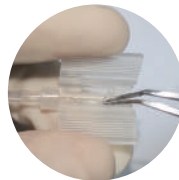
Open the cartridge 180°



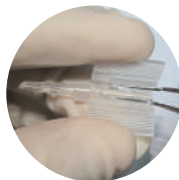
Visc Injection



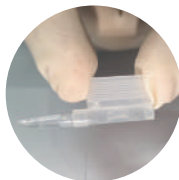
Place the IOL in the groove



Place the trailing haptic beneath the optic



With the help of forceps fold the IOL and close the cartridge



Ensure both the haptics and optic are placed with in the groove



Fix the cartridge to the injector



Gently push the plunger until the lens moves towards the cartridge tip end

Information published in this catalogue is subject to change without notification

For a demo or more information on how your patients can benefit from Aurolab products, call at **1800 103 7321** or email us at **aurolab@aurolab.com**

**AUROLAB**

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# Aurolab EV

Better Outcomes, Brighter Vision

Hydrophobic Aspheric Acrylic Foldable IOL



ENGINEERED FOR CLARITY

Aurolab's expertise provides surgeons with a superior IOL tailored to counteract blurred vision.

The Aurolab EV, unique in India with its -0.15µm negative aberration design, ensures sharper vision for patients and significantly enhances contrast sensitivity, especially in low light conditions



Simulated image with cataract eye



Simulated image with Zero aberration IOL



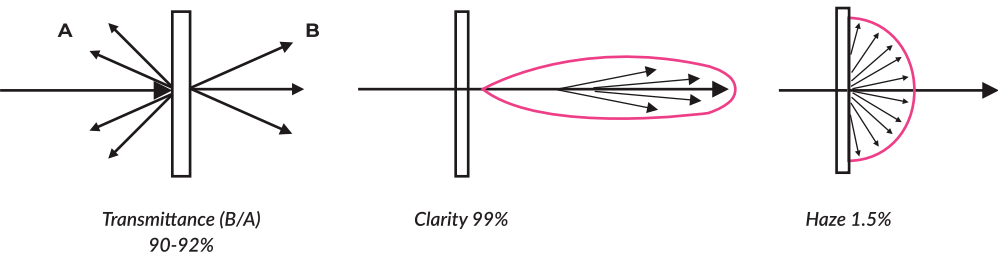
Simulated image with Aurovue EV

INNOVATION IN MATERIAL

A proprietary hydrophobic material technology- Aurovue delivers high optical clarity across all focal distances.

Feature	Aurovue	Market Standards-1	Market Standards-2
Transmittance	92%	91-92%	92%
Clarity	> 99%	NA	NA
Haze	< 1.5%	NA	NA
ABBE Number	55	37	55
Glistening	Nil	NA	Nil
Tg (°C)	8	15	14
Bio Adhesion	High	High	High
Refractive Index	1.47	1.55	1.47

High Abbe number of the material Reduces chromatic aberration, resulting in better colour perception

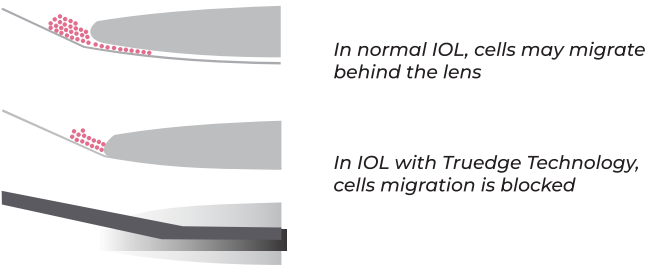


TRUEEDGE TECHNOLOGY

360° Square Edge acts as a mechanical barrier for cell proliferation 0.1mm projection at the optic-hapticjunction prevents cell migration even through the haptic.

Negative Aspheric optic -0.15 : Enhances contrast sensitivity and improves vision even in mesopic condition.

Anterior optic is round edged to prevent internal reflections Lower glass transition temperature (8°C). Keeps the Aurolab EV relatively flexible at lower temperature.



Aurolab EV Simulated image with chromatic aberration

Aurolab EV Simulated image without chromatic aberration

- Glistening free optic: Facilitates clean vision minimizing reflections.
- Force enduring haptics for secure lens placement: Maintains stability and precise positioning.
- Vault angulation for stability: Optimized 3 degree vault angulation ensures proper adaptation in the capsular bag.



12mm ring



11mm ring



10mm ring

IOL LOADING AND IMPLANTATION:

Disposable injector with 2.2mm/2.8mm cartridge with proven track record of hassle free and smooth lens delivery system.

