

**BAUSCH+LOMB**  
**Stellaris Elite**  
Vision Enhancement System

BUILT FOR THE  
NEXT GENERATION.

BUT READY FOR THIS ONE.





## WELCOME TO THE NEXT CHAPTER

With a combination of leading-edge technologies, **Stellaris Elite™** is designed to deliver optimised control and efficiency to a wide range of cataract and retina procedures.

**And only Stellaris Elite™ offers the next-generation vitreous liquefaction and aspiration with the Vitesse™ hypersonic vitrectomy system.**

Ready to grow and evolve as technology advances, **Stellaris Elite™** has the **built-in capability** for multi-use environments, now and as future practice needs arise.

- Maximises immediate and long-term return of interest, with cataract and retina capabilities in a single platform
- Platform technology built to seamlessly handle future updates and enhancements

# REINVENTING RESPONSIVENESS, REVOLUTIONISING CONTROL.

## ADAPTIVE FLUIDICS

Reimagine precise control.

Adaptive Fluidics™ integrates precision aspiration control with Dynamic Infusion Compensation to create the new standard for stabilising intraocular pressure, creating a highly responsive and controlled surgical environment, and improving lens removal efficiency.<sup>1,2,3\*</sup>

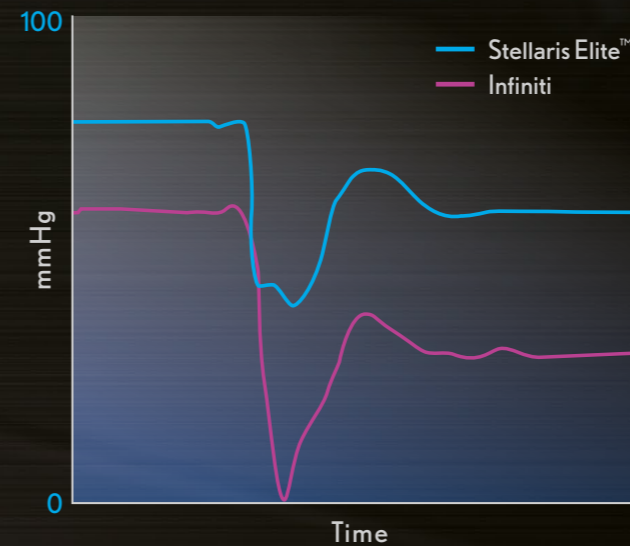
## EXCEPTIONAL CHAMBER STABILITY<sup>1,2</sup>

Dynamic Infusion Compensation technology compensates for changes in fluid flow, improving control and maintaining a stable chamber. After the surgeon sets a preferred infusion pressure, it works systematically by:

- **Monitoring:** Adaptive Fluidics continuously tracks vacuum flow rate at every moment of surgery
- **Compensating:** The system automatically adjusts infusion pressure, for increased stability

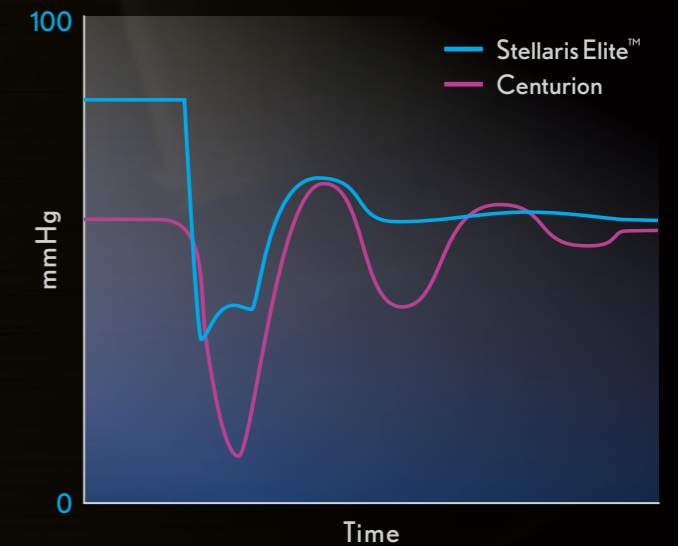


STELLARIS ELITE™ VS. INFINITI



Stellaris Elite™ with Adaptive Fluidics minimises post-occlusion surge and delivers better chamber stability than Infiniti.<sup>1,4</sup>

STELLARIS ELITE™ VS. CENTURION



Stellaris Elite™ with Adaptive Fluidics delivers an effective post-occlusion chamber pressure that's three times higher than Centurion with Active Infusion, resulting in reduced post-occlusion surge.<sup>2</sup>

# HIGHLY RESPONSIVE AT EVERY MOMENT

## GRAVITY FLUIDICS

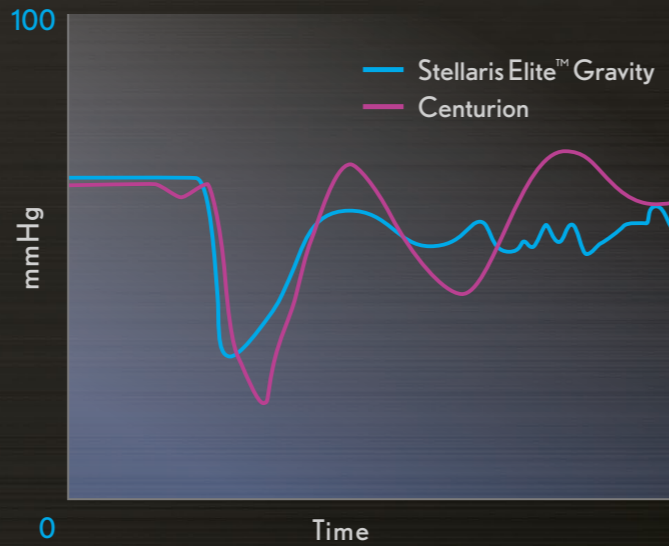
Even with standard gravity fluidics, Stellaris Elite™ outperforms both Infiniti and Centurion systems. Bench tests demonstrate that Stellaris Elite™ with gravity-based fluidics delivers better chamber stability than competitive systems.<sup>1,2,5</sup>

STELLARIS ELITE™ GRAVITY VS. INFINITI



Stellaris Elite™ with gravity fluidics outperformed Infiniti.<sup>1</sup>

STELLARIS ELITE™ GRAVITY VS. CENTURION



Stellaris Elite™ with gravity fluidics delivers chamber stability as good as or better than Centurion with Active Infusion.<sup>2,5</sup>

# ADVANCED PERFORMANCE

## ATTUNE ENERGY

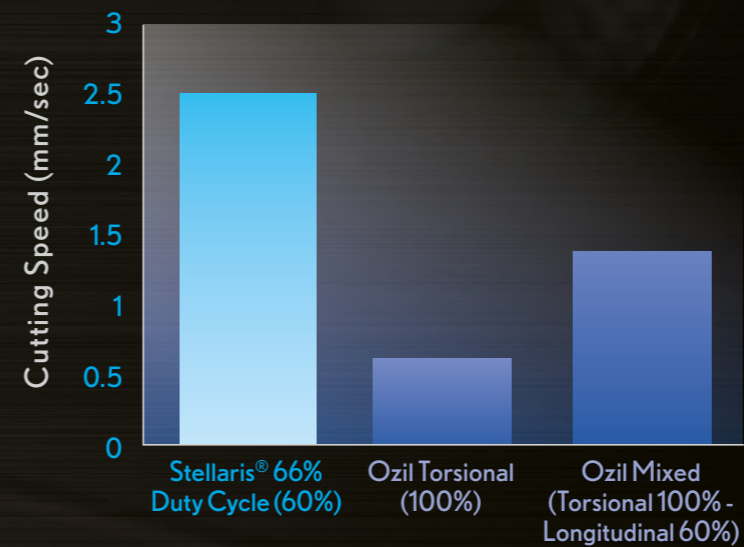
Rethink advanced performance.

Attune® energy management works synergistically with the chamber stability and vacuum efficiency of Adaptive Fluidics to deliver highly efficient, controlled emulsification.<sup>1,2,3\*</sup>

- Innovative design balances mechanical cutting with acoustic cavitation<sup>3\*</sup>
- Long-stroke, longitudinal cutting action results in highly effective emulsification<sup>3\*</sup>



## HIGHLY EFFICIENT CUTTING



The Stellaris® Platform has exceptional cutting rates at low power settings.<sup>3\*</sup>

# VITRECTOMY, VERSATILE CUTTING OPTIONS

With a variety of cutting options, Stellaris Elite™ adapts to a wide range of procedural needs.

## SINGLE-PORT VITRECTOMY CUTTER

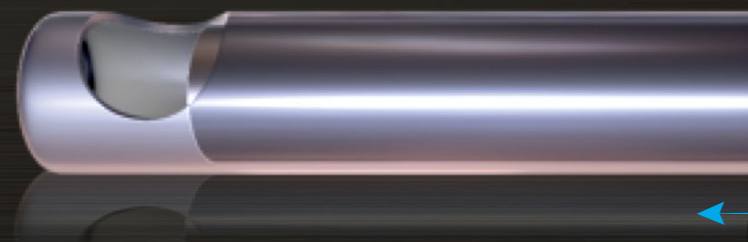
- Available in 20, 23, and 25 gauge
- New 7,500 cpm cut rate, for efficient vitreous removal
- Cuts only in the forward position



### CUT 1



### NO CUT



## BI-BLADE™ VITRECTOMY CUTTER

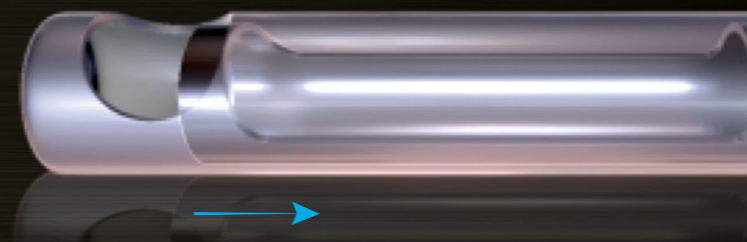
- 25 and 27ga with cut rate up to 15,000 cpm
- Dual-port design, for consistent flow rate and reduced retinal traction
- Cuts in both forward and backward positions, for two cuts per cycle



### CUT 1



### CUT 2





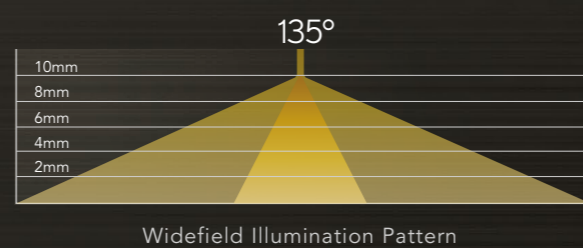
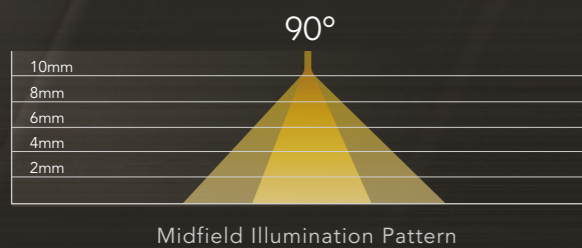
# VISUALISE COMPREHENSIVE CONTROL

Stellaris Elite™ offers a dedicated combination of light source, fibre optics, and light filtering technologies. Collectively, they enable outstanding visualisation, differentiated viewing options, and exacting surgical control.

## EXCEPTIONAL ILLUMINATION

- Bright Xenon light is specifically designed for small-gauge vitrectomy
- Supports fibre optic add-ons as small as 29g
- Numerous specialised illumination options including chandeliers, illuminated instruments, and illuminated laser probes

Features packs with both midfield and diffuse wide field light patterns



## EXPANDED ACCESS

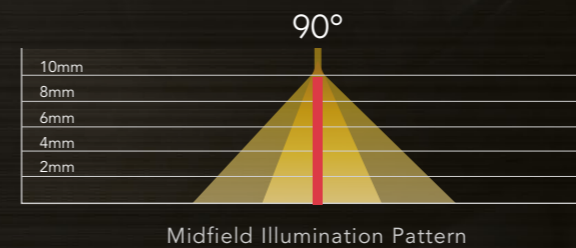
A comprehensive portfolio of high-performance laser probes enables exceptional access and surgical efficiency

- Patented directional laser probes feature a fixed fibre together with a moving shaft, for unique 90-degree curve actuation
- Illuminated directional laser probe delivers midfield light patterns and enables unassisted scleral depression



Available in 20, 23, 25, and 27g, the directional laser probe delivers exceptional control and access to the periphery of the eye.

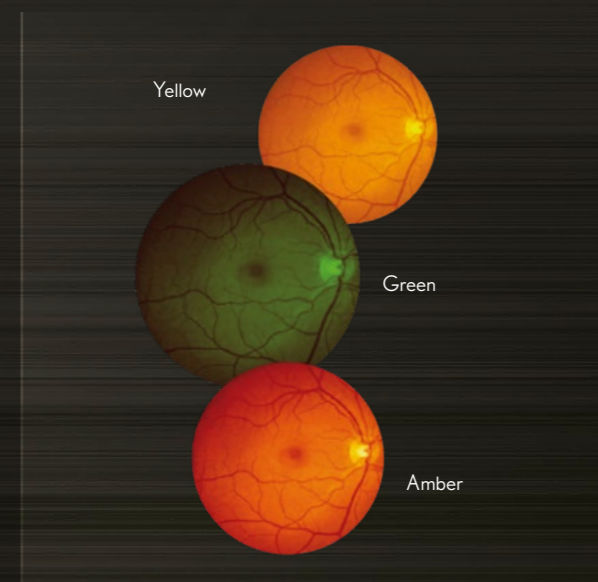
Laser probe illumination pattern



Available in Directional, Straight, and Curved Format

## DIFFERENTIATED VIEWING

- Proprietary colour filters deliver distinct clinical advantages over systems without filters



- *Yellow & Green* – Filter out potentially damaging blue light

- *Green* – Highlights structural details

- *Amber* – Minimises glare

- Filters may be used as augmentation or alternative to intraoperative dyes



# PREMIUM RETINA PLATFORM

## INSTRUMENTATION AND ACCESSORIES

### PINNACLE 360™ INSTRUMENTATION

- Full line of single use instrumentation
- Comfort and quality in a disposable instrument
- Extensive selection of glare free tips
- Ergonomic 360 actuation
- Colour coded for easy gauge identification
- Myopic forceps (37 mm)



### DIAMOND DUSTED MEMBRANE SCRAPER (DDMS)

- Diamond dusted silicone design allows the instrument to brush the surface of the retina and elevate the membrane
- Retractable version to facilitate transfer through valved trocar/cannula systems
- Retractable and 27ga versions are available
- 20, 23, 25 and 27ga



### LASER PROBES

- Curved, directional, and illuminated
- Patented directional technology aids instrument transfer and allows for a curve up to 90°
- Illuminated versions provide up to 62 lumens of light
- 20, 23, 25 and 27ga
- Directly connect to most retina lasers (adapter is required for illumination)



### CHANDELIER

- Trocar with magnet / cannula is provided
- Variable depth design allows the surgeon to control the illumination pattern
- Available from 23ga to 29ga
- Adapts to most retina light sources (adapter is required)



### CANNULAS

- Backflush can be used actively or passively
- Soft-tip cannula available in 23, 25 and 27ga
- Used with any vitrectomy platform
- Subretinal cannula available in 25ga with 41ga tip
- VFY cannula available in 23 and 25ga
- Silicone aspiration kit available in 23, 25 and 27ga





# VITREORETINAL TAMPONADES

## OXANE®, OXANE® HD, DK-LINE®, OKTA-LINE™ TAMPONADES

Trusted high quality VR intraoperative and mid to long-term tamponades

### OXANE®

- Prefilled syringe of Silicone Oil tamponade
- High interfacial tension
- For mid and long term tamponade

### OXANE® HD

- Mixture of silicone oil and RMN3
- Heavier than water tamponade indicated in severe inferior and posterior breaks
- Potentially less risk of passage of silicone oil in the anterior chamber in phakic and pseudophakic eyes
- Medium range viscosity for easy automatic injection

### DK-LINE®, OKTA-LINE™

- Purified PFCL for intraoperative use only in a range of VR surgery indications
- Adequate refractive Index for use perfect visibility of the bubble

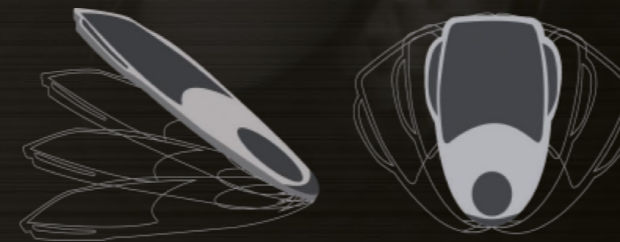


# EASE-OF-USE

## WIRELESS DUAL LINEAR FOOT PEDAL

Rapid response and control in changing conditions.

- Enables management of both pitch and yaw planes
- Integrated movements provide simultaneous control of irrigation, ultrasound, and aspiration
- Irrigation on-off is now available on the yaw planes



## 3 MINUTE SET-UP

Single touch automated Prime and Tune for an easy and quick setup.

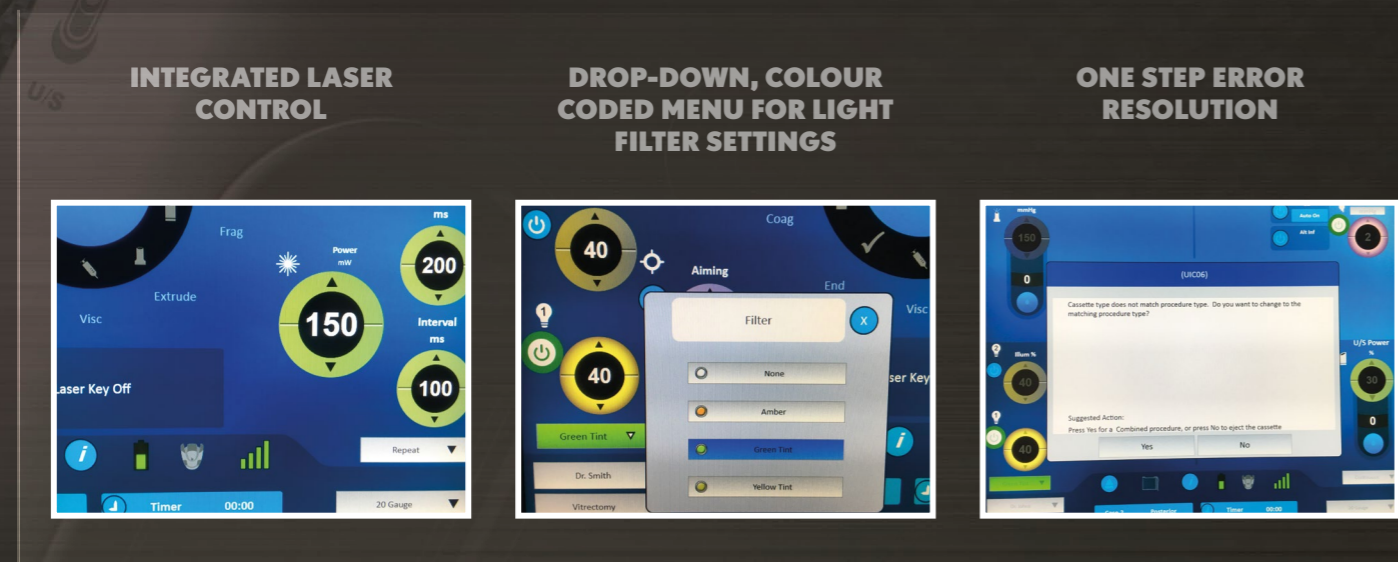
Stellaris Elite™ is designed for both Cataract and Vitreoretinal surgical practice.

## OR-OPTIMISED FOR YOU AND YOUR STAFF

- Small OR footprint
- Wireless foot pedal
- Easy to set-up, priming and tuning of tubing and handpieces
- Preassembled, ready-to-use cassette/tubing with a new configuration
- Designed to decrease turnaround time
- Wide range of accessories, handpieces and Storz and Synergetics® Ophthalmic Instruments
- Stellaris Elite™ is expandable to perform vitreoretinal procedures too

# ENHANCED USER INTERFACE

## FOR IMPROVED EASE-OF-USE



## CLARITY FOR SURGEONS

- Integrated laser controls
- Status, settings displayed on home screen
- Drop-down menus for each phase
- Colour coded drop down menus for light filter settings
- Voice confirmation on added phases
- Password protected surgeons settings

## INTUITIVE FOR OR STAFF

- Easy learning curve
- Simplified layout with larger buttons and improved readability (contrast, colour and icon size)
- One button tuning and priming
- One combined screen for all procedural needs
- Intuitive with 'show me the steps' tutorial animation
- 'One Step' error resolution

# CLINICAL & TECHNICAL SUPPORT

## BAUSCH + LOMB PRODUCT SUPPORT THERE FOR YOU WHEN YOU NEED US.

We strive to be your trusted partner and are ready to serve your product and equipment needs. We provide the focused attention you need to keep your equipment operating at peak performance.

## CLINICAL & APPLICATION SPECIALISTS

Our team receive extensive product training so they can provide the highest level of support to you and your hospital staff.

## CUSTOMER SERVICES

Representatives are available from 8.30am to 5.30pm (AEST) to answer all queries relating to orders, pricing, product availability, returns, deliveries and credit notes.

## GLOBAL LOGISTICS CAPABILITIES

Our global network of service representatives and distributors ensure orders are dispatched around the clock, most within 24-48 hours.

## TECHNICAL SERVICE

Certified engineers receive hands-on product training, rigorous certification, tests and continuous training updates. Routine maintenance and inspections: prevent service interruptions to keep equipment operating at peak efficiency.

Installation management: site assessment, installation review and process and equipment coordination – enable you to start generating revenue right away.

## CONTACT

Technical Services  
anztservice@bausch.com

Customer Service  
1800 251 150

Or for further information please contact your local Bausch + Lomb Territory Manager



Please contact your Bausch + Lomb Territory Manager  
for more information on the Stellaris Elite™ platform.

[StellarisElite.com](http://StellarisElite.com)†

**StellarisElite**  
Vision Enhancement System

**BAUSCH + LOMB**

**References** 1. Data on file. 2. Data on file. 3. Mark E. Schafer, PhD. Analysis of the Cutting Forces using Different Phacoemulsification Modalities. ASCRS 2009. 4. Data on file. 5. Data on file. 6. Stanga PE et al. Performance analysis of a new hypersonic vitreoractor system. PLoS One. 2017;6;12(6):e0178462. doi: 10.1371/journal.pone.0178462. 7. Pastor-Idoate S, Bonshek R, Irion L, Zambrano I, Carlin P, Mironov A, et al. (2017) Ultrastructural and histopathologic findings after pars plana vitrectomy with a new hypersonic vitreoractor system. Qualitative preliminary assessment. PLoS ONE 12(4): e0173883

\*Based on laboratory study.  
\*\*In an in vitro laboratory study  
† USA Website

© 2018 Bausch & Lomb Incorporated. ®/TM denote trademarks of Bausch & Lomb Incorporated and its affiliates. Other product names/ brand names are trademarks of their respective owners. Bausch & Lomb (Australia) Pty Ltd. ABN 88 000 222 408. Level 2, 12 Help Street, Chatswood NSW 2067 Australia. (Ph1800 251150) STE.0016.AU.18