Stellaris® Cataract Systems

Premium performance
Precise control

choosestellaris.com

BAUSCH + LOMB
See better. Live better.

Stellaris® gives you the chamber stability you demand

Only Stellaris gives you vacuum based StableChamber fluidics with with the option of Digiflow pressurized infusion settings

Stellaris – Designed to Expand Your Control

Stellaris is the next generation of phaco surgical systems that is designed to accommodate your surgical technique. Whether you are performing standard or micro-incision cataract surgery (MICS) procedures, Stellaris provides you with the performance you need when you need it. Vacuum provides chamber stability and there is no other machine that delivers quite like Stellaris. Chamber stability is further enhanced with Digiflow pressurized infusion to take cataract surgery to the next level. Expanding your control – it's what Stellaris is all about.

StableChamber Fluidics is designed to optimize chamber stability with these 4 components

1. Advanced hardware designed to improve your control
2. Customizable software settings increases performance
3. Responsive fluidics and Digiflow™ Pressurized Infusion Shown to improve Chamber stability in 76% of procedures
4. VFM StableChamber® Tubing designed to control and stabilize flow in MICS High Vacuum procedures

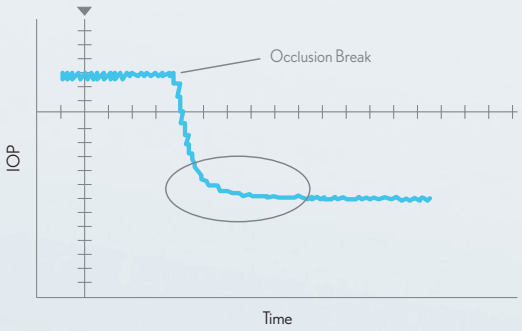
76% of surgeons found improved chamber stability with Digiflow System compared to gravity feed.

Digiflow pressurized infusion

- 76% of surgeons found improved chamber stability with Digiflow
- Better control of infusion flow – minimising IOP fluctuations
- Easy learning curve and use

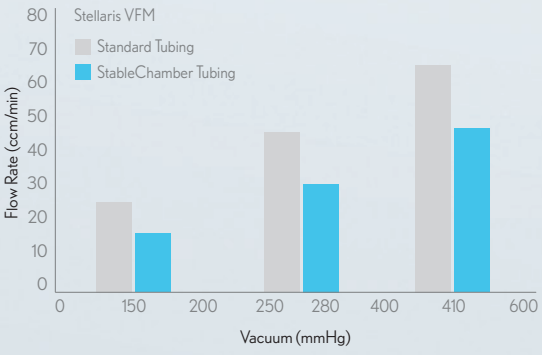
Precise fluidic control with StableChamber tubing

StableChamber tubing Minimizes Surge



Minimal to no surge after occlusion break

Optimize Chamber Stability with StableChamber tubing



StableChamber tubing allows you to increase vacuum while minimizing flow which increases holdability

Patented StableChamber® tubing adds a new level of flow control allowing safe use of higher vacuum settings.

Why introduce more energy than you need?

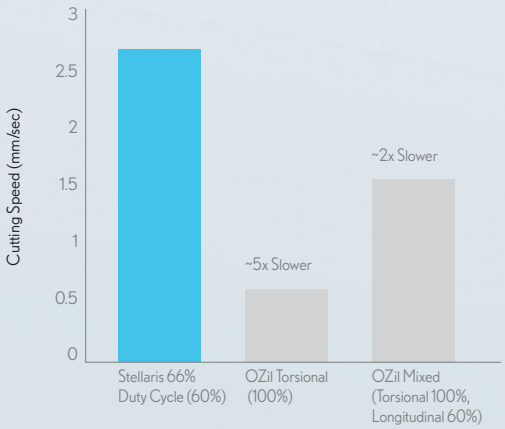
Achieve better results without changing your approach

Efficient cutting with minimal energy is a fundamental goal of phacoemulsification. Minimizing energy into the eye is proven to enhance clinical outcomes. Stellaris features Attune Energy Management combining efficient 28.5 kHz ultrasound with advanced power modulation allowing you to design a very efficient low energy emulsification mode without the need for angled needles, special handpieces or technique changes.

Phaco efficiency is increased with the 28.5 kHz Stellaris handpiece. Energy into the eye is minimized because it balances mechanical cutting and acoustic cavitation to efficiently emulsify and remove the nucleus.

Attune means unmatched cutting efficiency

- The Attune® six crystal 28.5 kHz handpiece frequency maximizes cutting efficiency while reducing energy to the eye.
- Stellaris® offers a full 150 microns stroke length designed to enhance cutting efficiency
- Advanced Waveform Modulation is designed to offer a combination of duty cycle and ultrasound duration to increase phaco efficiency that translates to lower incident of incision/corneal burn



Stellaris cuts faster

Stellaris delivers the fastest cutting rate at the lowest power setting.

Placing the future at your fingertips

For over 120 years, Storz Ophthalmic Instruments have been recognized around the world for industry leading quality and innovation.

- Bausch + Lomb sterile single use instruments are high performance precision instruments made in Germany. They combine excellent mechanical properties and high quality instrument tips although designed for single use
- Single Use Instruments are available either individually sterile packaged, packaged in customised Per Procedure Trays or packaged as component to a Custom Procedure Pack
- Find out more about Bausch + Lomb Storz Ophthalmic Instruments www.storzeye.eu

Coaxial Zero Phaco Handpiece

- A disposable I/A handpiece with a 30° bevel needle designed for lens removal following Femtosecond laser fragmentation without the use of ultrasonic energy
- The coaxial handpiece is pre-assembled with an infusion sleeve, available for incision sizes between 2.2mm and 2.6mm

Capsule Guard IA® Coaxial Handpieces

- Game changer in the art of removing cortical material
- Flexible Sleeve conforms to wound to seal incision
- One Piece Silicone Construction of the tip
- No sharp edges for ease of insertion into the eye and reduced risk of capsule rupture
- Available for standard and sub 2mm incisions

Capsulorhexis Forceps for sub 2mm MICS incision

- Available in two designs with straight or curved jaws
- Also available with markings at 2.75/3.0mm (radius) and 5.5/6.0mm (diameter) to create a consistent, central capsulorhexis with a determined diameter

Innovative foot pedal design
For unparalleled system control

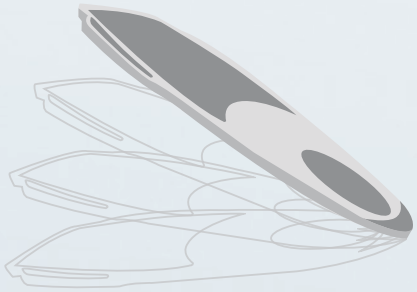
* Image shown of integrated footpedal available for Stellaris PC

Ready to maximize your control?
The first of it's kind intuitive designed wireless programmable foot pedal features unique Dual Linear control allowing you to modulate several parameters with one foot pedal. Linear control of power and aspiration are possible giving you the control of the intraocular environment. Use the right amount of aspiration and phaco power to remove the lens in the most efficient manner possible – only with Stellaris.

Wireless, Dual Linear technology combined with precise control of fluidics and ultrasound expands your options and improves followability

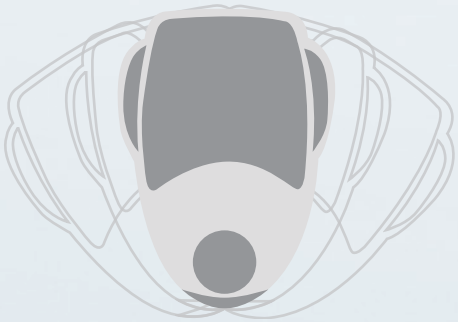
- Integrated–yet independent–control of phaco energy and aspiration
- Designed to provide greater precision when addressing a compromised corneal endothelium, weak zonules, small pupils or shallow chambers
- Four unique function buttons offer a wide range of mode switching and surgical programming options

The first of its kind wireless programmable foot pedal features unique Dual Linear control.



Pitch provides traditional control

1 Irrigation
2 Aspiration/vacuum
3 Ultrasound



Adding Yaw feature increases surgical control

Achieve simultaneous control of ultrasound and aspiration with Dual Linear.

Versatile integrated platform designed to increase and expand OR efficiency

Enabling rapid turnaround times, ease of use and expanded range of techniques

3 minute set-up

Single touch automated Prime and Tune for ease of setup in less than three minutes

Want to make more of your valuable time and resources? Stellaris® can help

Stellaris provides a host of ergonomic and surgeon-led innovations designed to maximize your time in the OR while increasing productivity using one family of Stellaris Systems. Stellaris, designed for the efficient cataract operating room and Stellaris PC designed for the Efficient Cataract and Vitreoretinal surgical practice are compatible on multiple fronts. Whether it is sharing system settings across machines, phaco handpieces, CapsuleGuard® I/A and cataract tubing packs, Stellaris makes it easy to offer multi-specialty services with minimal specialization.

OR-Optimized 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
- Designed to decrease turnaround time
- Wide range of accessories, handpieces and Storz® Ophthalmic Instruments
- Stellaris PC is expandable to perform vitreoretinal procedures too

EasyMICS™ – empowering surgeons to provide rapid visual recovery and high quality vision

Microincision cataract surgery (MICS) refers to cataract surgery performed through a sub 2mm incision.

What is EasyMICS™?

- EasyMICS™ is a unique combination of products, compatible with sub 2mm MICS procedures
- Combining your current implantation technique with INCISE® means you can perform sub 2mm MICS with ease
- Less invasive surgery with INCISE means more rapid visual recovery for your patients

MICS procedure steps

Preparation

- Bausch + Lomb Custom Procedure Packs:™ The all-in-one solution

Perfecting wound construction

- Laser Refractive Cataract Surgery (LRCS), delivered by the VICTUS® platform, allows precise lens incisions in up to three planes
- Storz Ophthalmics Laseredge™ knives for optimal wound architecture

Viscoelastic injection

- Amvisc® PLUS – Moderately cohesive viscoelastic for micro-incisions

Capsulotomy

- The VICTUS platform empowers physicians to create a more precise, controllable and centered capsulotomy for micro-incision surgery
- Storz Ophthalmics Single Use and Reusable MICS® instrumentation including MICS capsulorhexis forceps

Stellaris® PC offers the cataract surgeon even greater capabilities

Needing an advanced system for routine to complex cases? Stellaris PC is the ideal choice for your practice then. Hospitals and Ambulatory Surgery centers are switching to Stellaris PC for just this reason. Having the best fluidics and cutting capabilities is important for all cataract procedures. But when the complex eye demands more features or functionality, Stellaris PC fills the need. With 5,000 cpm vitrectomy cutters, filtered illumination, to the ability to convert to a full function vitrectomy system for combined cases, Stellaris PC is the ideal choice.

- High speed 5,000 cpm vitrectomy cutting
- Full vitrectomy mode for combined cases

Stellaris Cataract Updates

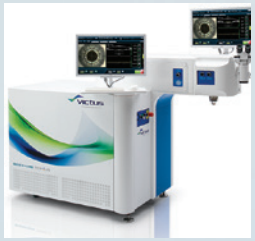
DigiFlow™ Infusion Control

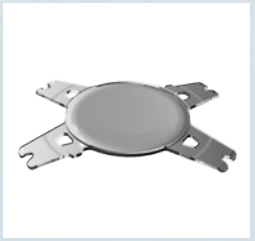
Common Surgeon Files transportable from Stellaris® to Stellaris® PC

Enhanced On-Screen User Controls and drop-down menus

Enhanced Messaging features for clarity and ease of use

The Stellaris® system is an integrated family of technologies and is offered with a broad range of leading cataract products including:


Victus® Femtosecond Laser


INCISE®


enVista® IOL


Storz® Ophthalmic Instruments


Amvisc® Family of Viscoelastics

The new software includes forty-one additional features and controls for Stellaris® and Stellaris PC® systems

Stellaris PC Cataract Updates

- DigiFlow™ Infusion Control
- Common Surgeon Files transportable from Stellaris® to Stellaris® PC
- Enhanced On-Screen User Controls and drop-down menus
- Enhanced Messaging features for clarity and ease of use
- Endoilumination for use during cataract surgery
- 5000 CPM Anterior Vitrectomy

Try the Stellaris® Cataract Systems for yourself at our European Centres of Excellence

Premium Performance Precise control

For more information visit
www.choosestellaris.com

For more information on instruments visit
www.storzeye.eu
or email storz-instruments@bausch.com

For more information or to trial these technologies, contact your Bausch + Lomb representative

VISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE
TO DIRECT OR SCATTERED
RADIATION
CLASS 2 & 4 LASER PRODUCTS
(IEC 60825-1:2007)

Aiming beam:
Class 2, λ = 635 nm 1mW CW (max)
Treatment beam:
Class 4, λ = 532 nm 2W CW (max)

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007

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