

Femtosecond to none.



VICTUS® Femtosecond Laser Platform

FEMTOSECOND TECHNOLOGY THAT EMPOWERS

VICTUS® is the industry-leading femtosecond laser that provides exceptional performance across cataract and corneal applications on a single platform. VICTUS takes versatility to an entirely new level, enabling you to perform capsulotomies, fragmentation, arcuate incisions, corneal incisions, and even LASIK flaps. In all of its features and capabilities, VICTUS is engineered to meet the standards of the clinician who truly embraces innovation.

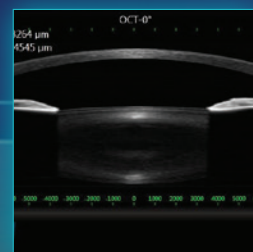
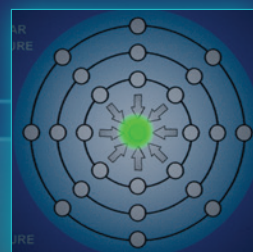
The VICTUS Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.



UNPARALLELED VISUALIZATION

An extension of your own skilled hands, VICTUS® begins every procedure with accuracy and control. Advanced docking technology is designed to reduce the possibility of eye tilt and distortion, allowing for better centration, more precise cutting and fragmentation, greater stability, and reduced vacuum requirements—while minimizing the possibility of posterior corneal folds or ripples. Visibility of the surgical field is optimized by live-action optical coherence tomography (OCT) to keep the surgeon in command, from planning throughout treatment.

Time after time.



As a femtosecond laser system with live-action OCT, VICTUS allows for enhanced planning and visual monitoring of the entire procedure.



UNCOMPROMISING PERFORMANCE

Ophthalmic surgery, by its nature, requires the utmost precision. That precision came only with painstaking effort. Until now.

Exclusive VICTUS® live-action OCT, along with an easy-to-use graphic interface, provide advanced visual guidance at all times. These systems, together with the VICTUS Intelligent Pressure Sensors, enable the surgeon to control procedure-optimized downward

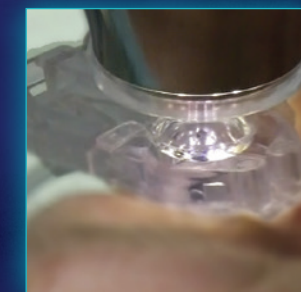
pressure, with customized settings for corneal and cataract applications.

But the key to the unmatched capabilities of VICTUS is the laser itself. The VICTUS laser's fast pulse rates and small spot size take accuracy and consistency to the next level.

With VICTUS, an elegantly executed procedure is now performed with equal measures of confidence and control.



victus
Femtosecond Laser Platform



Your patient's well-being is the primary concern. The unique Curved Patient Interface and suction clip are designed to ensure patient comfort, even in small eyes.

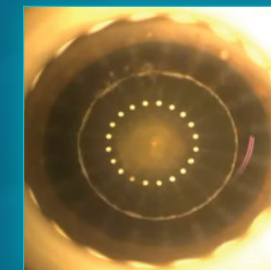
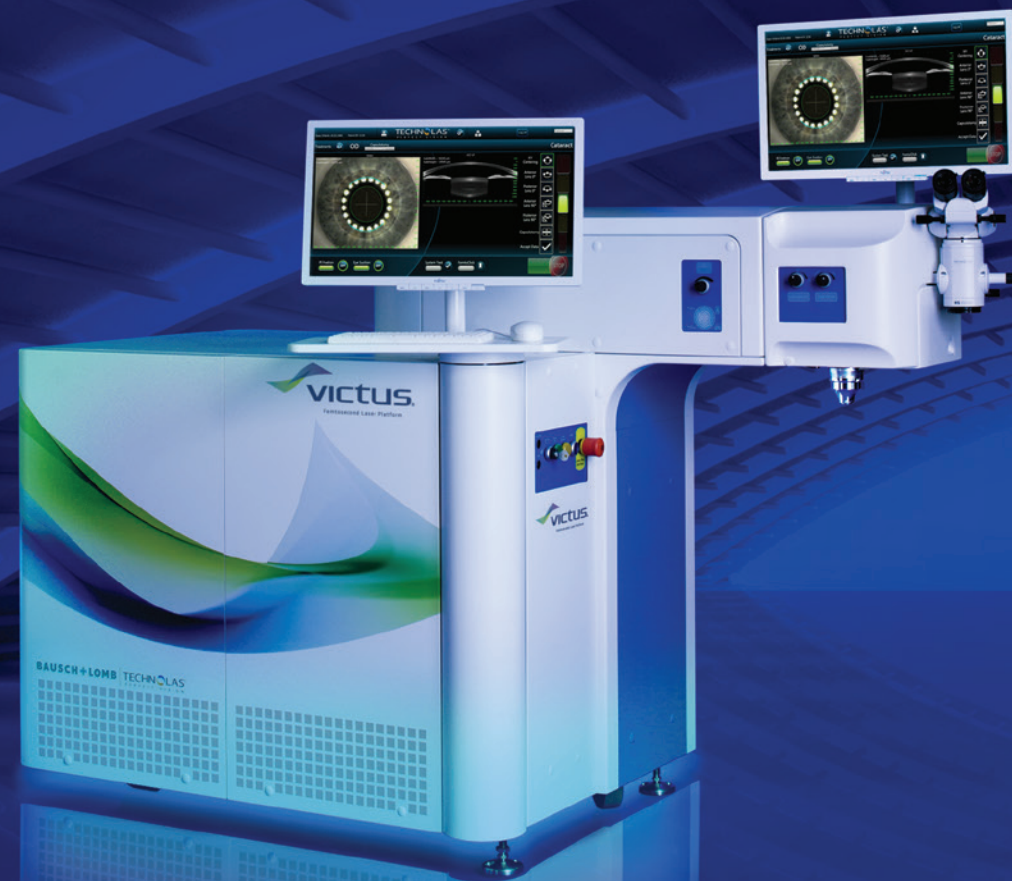
INCOMPARABLE VERSATILITY

Your practice has seen many changes through the years, but nothing quite like this. With VICTUS®, your capabilities aren't merely extended—they're multiplied.

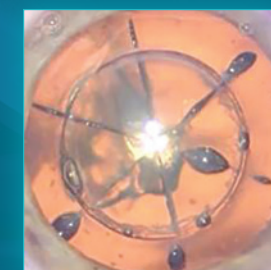
The two-piece, curved interface and Intelligent Pressure Sensors are fundamental to the versatility of VICTUS. Together, these components enable Dual-Modality Performance, which is the unique ability of VICTUS to dock with full contact for corneal applications, or to utilize a liquid layer

for cataract applications. In addition, the surgeon is able to *shift modalities during a procedure*, seamlessly adapting to the unique requirements of individual cataract and corneal surgeries.

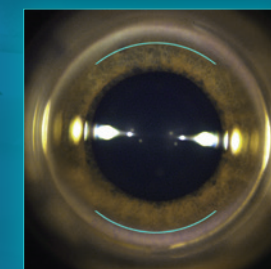
Whether the application is capsulotomy, fragmentation, corneal incisions, arcuate incisions, or LASIK flap, precision is critical. That's why VICTUS is designed to address each case with versatile performance that meets your high standards.



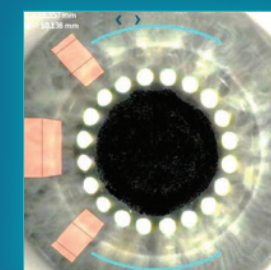
Capsulotomy



Fragmentation



Arcuate incisions



Corneal incisions



LASIK flap

 **victus**
Femtosecond Laser Platform

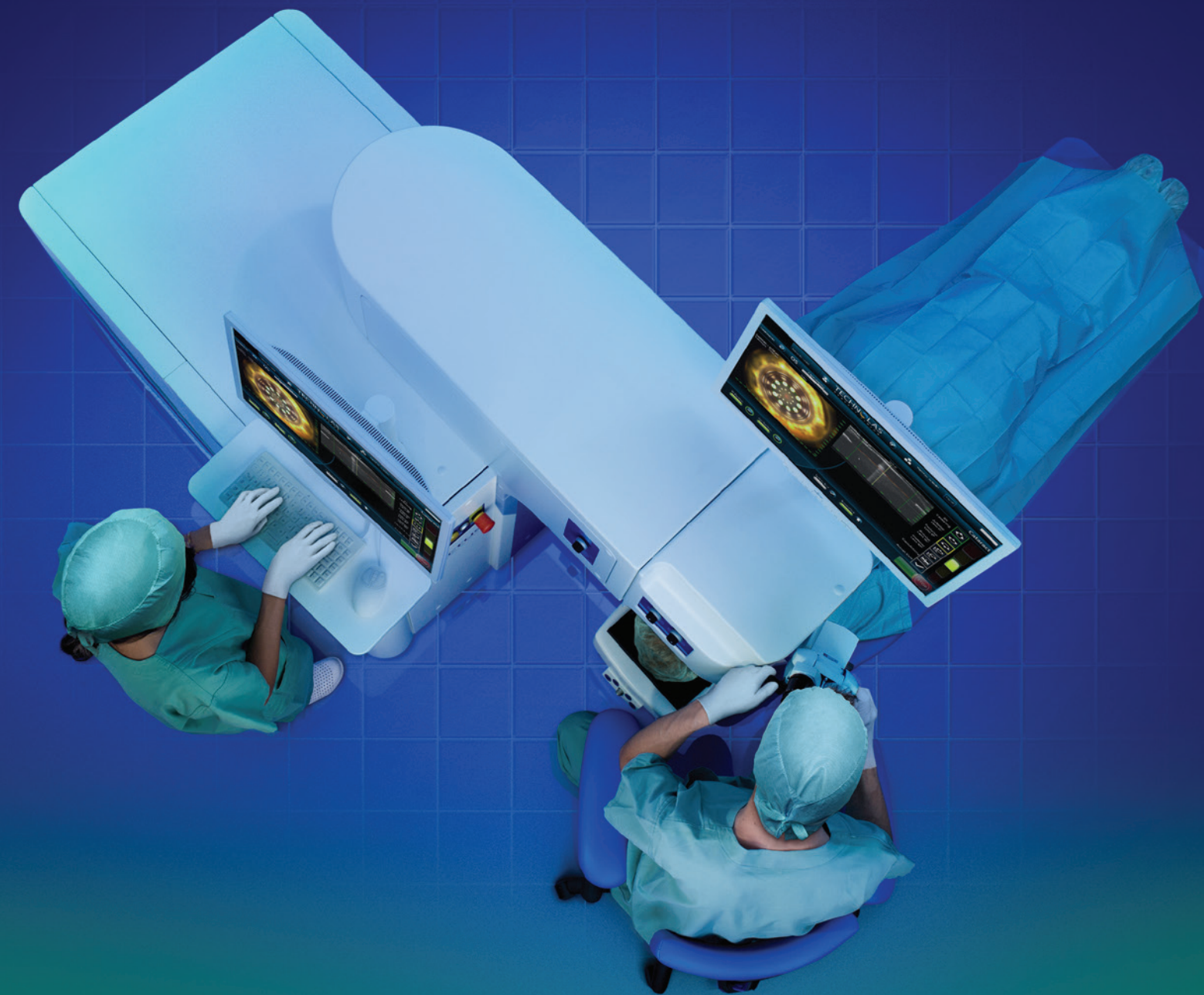
TOMORROW'S CLEAR VISION

Consider, for a moment, the big picture.

A femtosecond laser system, once designed and built, will be judged on its real-world abilities to raise the standard of clinical performance.

Like no other system, VICTUS® is equipped to deliver the full potential of today's femtosecond laser technology. With a single service contract and highly trained experts who provide local as well as global support, VICTUS stands alone. VICTUS assures your position on the leading edge.

Now and for years to come.



TECHNICAL SPECIFICATIONS

ADVANCED DOCKING SYSTEM

INDUSTRY-LEADING SERVICE AND SUPPORT

LIVE-ACTION OCT

For more information, visit www.victuslaser.com, call 1-888-704-3601, or contact your local representative.



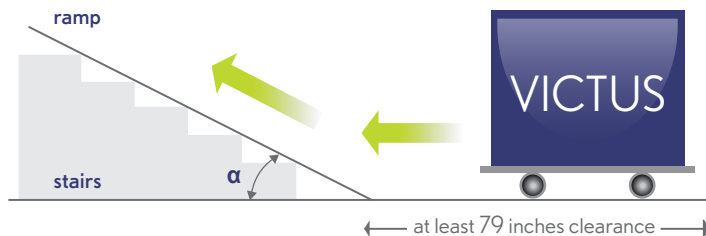
 **victus**
Femtosecond Laser Platform

VICTUS® Technical Specifications



Installation Requirements

- ▶ All corridors and doorways leading to the laser room must be wider than 33 inches (no doorstops less than 79 inches behind doors)
- ▶ Corridors narrower than 47.5 inches must have no 90° corners
- ▶ Floors must not have gaps > 1 inch
- ▶ If an elevator must be used, it must have a minimum length of 79 inches and a minimum width of 33 inches, and accept a minimum load of 1874 lb
- ▶ If a ramp is necessary to overcome stairs, an angle of 20° should not be exceeded
- ▶ The floor leading to and in the room must support 1654 lb for the laser and 552 lb for the bed, plus the weight of personnel and patient (eg, 662 lb)
- ▶ The room must not have been painted within 3 weeks prior to installation

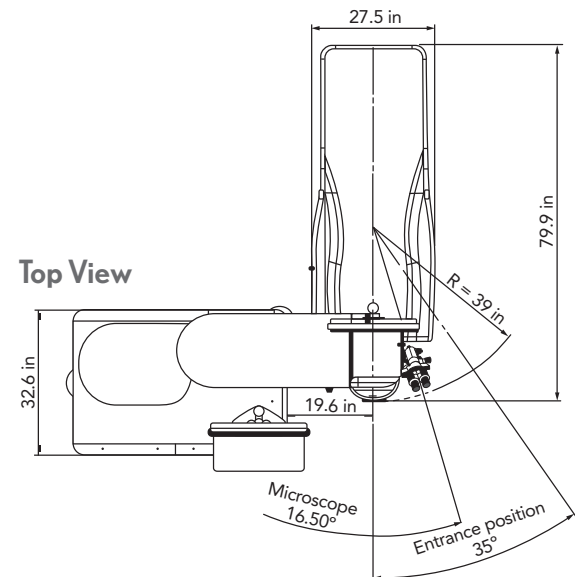


INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
LASER CLASS 3B
Wavelength: 1040 ± 25 nm
Pulse duration: 290 - 550 fs
Maximum pulse frequency: 160 kHz
Maximum output power: 0.86 W
IEC 60825-1:2007

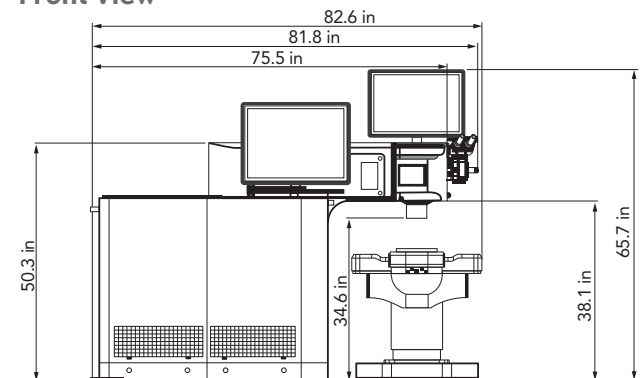
The VICTUS Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.

©2014 Bausch & Lomb Incorporated. ®/™ marks are trademarks of Bausch & Lomb Incorporated or its affiliates.
All other brand/product names are trademarks of their respective owners. SUR/VCT/14/0059 08/14

VICTUS System Dimensions



Front View



Femtosecond to none.



ADVANCED DOCKING SYSTEM



Precise alignment designed to maintain the natural shape of the eye

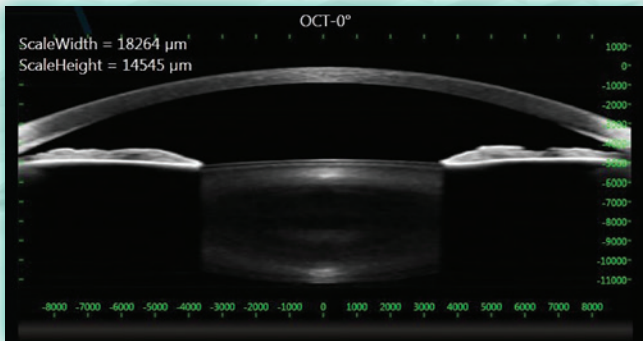
The VICTUS® Femtosecond Laser Platform features advanced docking technology that minimizes the possibility of eye tilt or distortion.

The VICTUS docking system provides:

- ▶ Two-piece design and Intelligent Pressure Sensors designed for:
 - High precision
 - Maintaining suction
 - Stabilizing the eye
 - Less vacuum to improve patient comfort
- ▶ Optimum design for enhanced:
 - OCT imaging
 - Optical quality
 - Arcuate incisions
 - Corneal incisions
 - Phacofragmentation
 - Capsulotomy
 - LASIK flap
- ▶ Designed to minimize:
 - Posterior corneal folds or ripples
 - Capsular rupture
 - Conjunctival hemorrhaging

Flexible 2-piece Curved Patient Interface offers:

- ▶ Separate suction clip designed to fit all eye topographies without distorting the cornea
- ▶ Precise initiation of suction, designed to minimize the possibility of suction loss
- ▶ Easy pupil alignment and tilt adjustment
- ▶ Docking monitored by the Intelligent Pressure Sensors



Minimizing the possibility of corneal folds helps to maintain the high quality of the laser beam to provide precise cuts.



VICTUS[®] Advanced Docking System



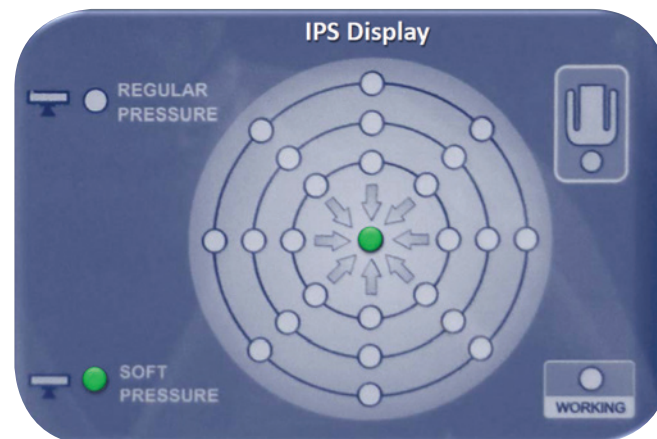
Optimized by Intelligent Pressure Sensors and the unique, two-piece Curved Patient Interface

Dual-Modality Performance

VICTUS provides the unique ability to dock two ways. For cataract applications, VICTUS offers non-contact docking with a thin liquid layer separating the cornea from the Curved Patient Interface. For corneal applications, VICTUS docks with full contact to optimize stability and precision. Dual-Modality Performance enables the surgeon to change modalities during a procedure, selecting “wet to dry, on the fly” as needed.

Intelligent Pressure Sensors

When the laser assembly docks, the Intelligent Pressure Sensors monitor the pressure between the docking device and the eye. A graphic display shows the symmetrical radial pressure, while the graphical user interface shows the vertical pressure. Using this 3-dimensional pressure evaluation, the physician is able to center and stabilize the eye and select the optimal, procedure-specific downward pressure on the cornea.



INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
LASER CLASS 3B
Wavelength: 1040 ± 25 nm
Pulse duration: 200 - 550 fs
Maximum pulse frequency: 160 kHz
Maximum output power: 0.86 W
IEC 60825-1:2007

The VICTUS Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.

©2014 Bausch & Lomb Incorporated. ®/™ marks are trademarks of Bausch & Lomb Incorporated or its affiliates. All other brand/product names are trademarks of their respective owners. SUR/VCT/14/0059 08/14



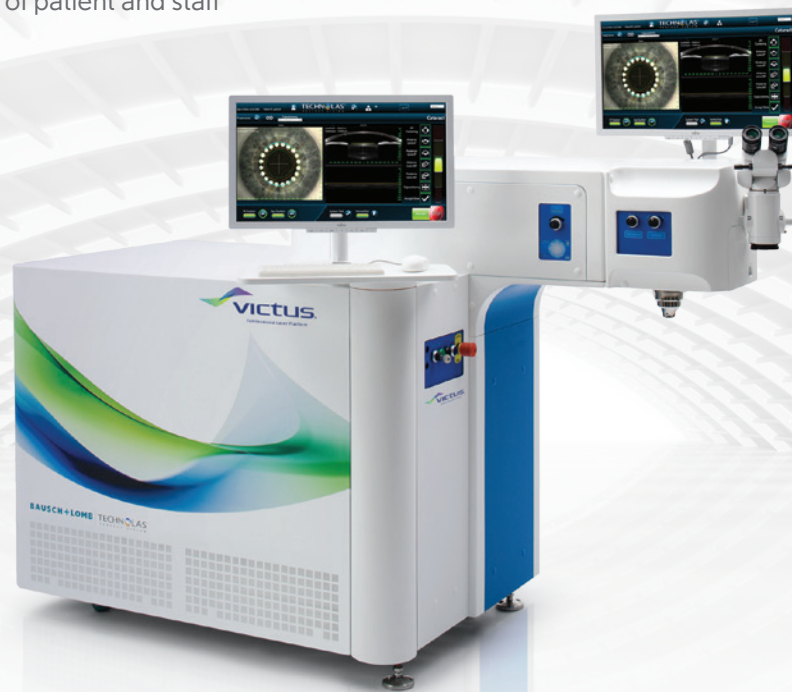
INDUSTRY-LEADING SERVICE AND SUPPORT

All-inclusive practice resources

- ▶ Customized laser integration and ongoing support provided by dedicated specialists
- ▶ Assistance through all phases of the implementation process, from evaluation to installation, training, communication, and ongoing support
- ▶ 24/7 access to the online PANORAMA® Program containing a broad spectrum of patient and staff educational tools

Clinical application support

- ▶ Complete, on-site training for the surgeon
- ▶ Staff training and support programs to ensure seamless adaptation to your practice



 **victus**
Femtosecond Laser Platform

VICTUS[®]: Support that sets the standard



Bausch + Lomb brings you VICTUS—the industry-leading femtosecond laser for cataract and corneal procedures on a single platform.

Comprehensive technical support

- ▶ Hotline support
- ▶ Troubleshooting
- ▶ Global service organization of highly trained, certified application specialists and technical service engineers
- ▶ Assurance of rapid response, personal service, and clinical support with specialized teams of local service personnel

Installation and orientation

- ▶ Site inspection, evaluation, and release by specialized field engineers
- ▶ Transportation to the clinic/laser room, plus evaluation and support
- ▶ System installation, operational tests, quality release, and certification by trained, certified service technicians

Contact your Bausch + Lomb representative to find out more about the excellent level of service and support available for achieving peak performance with the VICTUS Femtosecond Laser Platform.

INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
LASER CLASS 3B
Wavelength: 1040 ± 25 nm
Pulse duration: 290 - 550 fs
Maximum pulse frequency: 160 kHz
Maximum output power: 0.86 W
IEC 60825-1:2007

The VICTUS Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.

©2014 Bausch & Lomb Incorporated. ®/™ marks are trademarks of Bausch & Lomb Incorporated or its affiliates. All other brand/product names are trademarks of their respective owners. SUR/VCT/14/0059 08/14



ENHANCED LIVE-ACTION OCT



Lens fragmentation treatment alignment.

Swept Source OCT* offers clear visualization and customized treatment planning

- ▶ Unprecedented frame rate and resolution
- ▶ Auto recognition of key landmarks (pupil, lens, anterior capsule, posterior capsule)
- ▶ OCT-guided adjustment for all phases of cataract and corneal procedures, through docking, planning, and treatment
- ▶ Faster, simpler, template-based planning for capsulotomy, fragmentation, corneal incisions, arcuate cuts, and LASIK flaps[†]
- ▶ Real-time treatment monitoring with exceptional clarity, confidence, and control

*Optical coherence tomography.

[†]Compared to previous VICTUS® software versions.



VICTUS® ENHANCED LIVE-ACTION OCT



Arcuate incision treatment alignment.

Continuous visualization for every step of the procedure

- ▶ Precise visualization of treatment cuts during capsulotomy, fragmentation, corneal incisions, arcuate cuts, and LASIK flaps
- ▶ Template-based, intuitive planning optimizes procedures
- ▶ Surgeon-friendly software interface enhances efficiency

*Optical coherence tomography.

INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
LASER CLASS 3B
Wavelength: 1040 ± 25 nm
Pulse duration: 290 - 550 fs
Maximum pulse frequency: 160 kHz
Maximum output power: 0.86 W
IEC 60825-1:2007

The VICTUS Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation

of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.

©2015 Bausch & Lomb Incorporated. ®/™ are trademarks of Bausch & Lomb Incorporated or its affiliates. All other brand/product names are trademarks of their respective owners. SUR/VCT/14/0059b 2/15



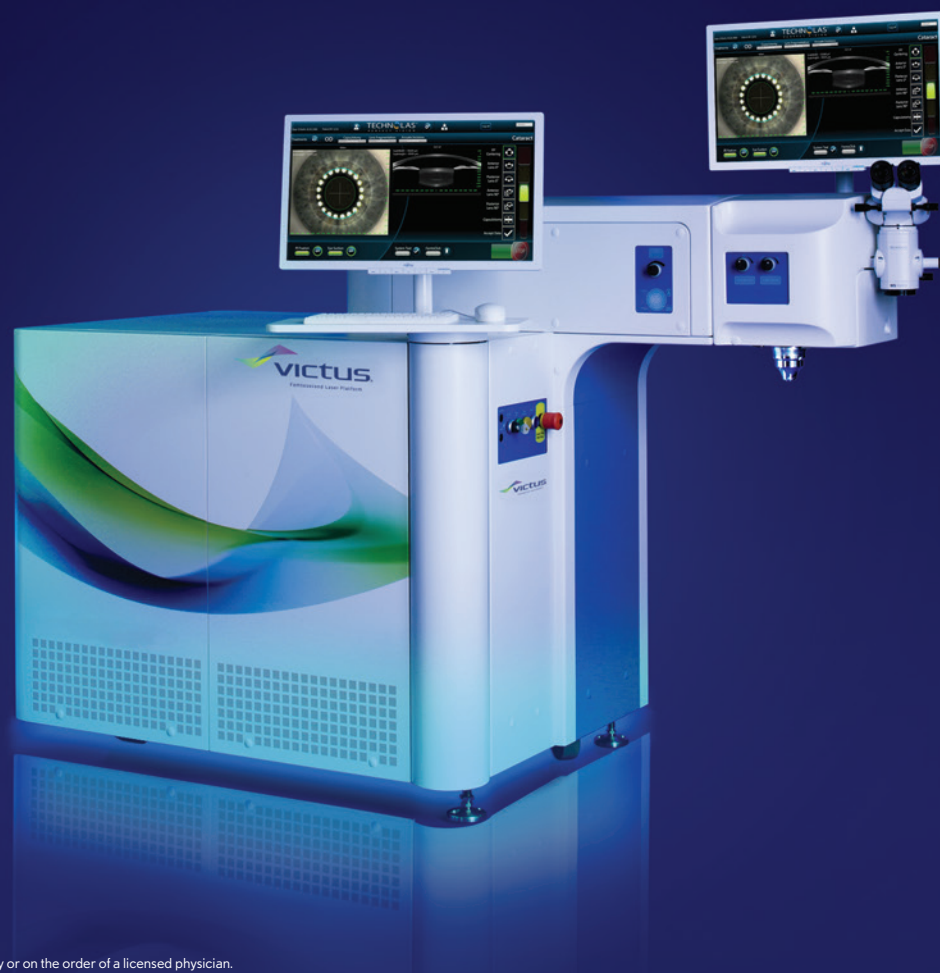
TECHNICAL SPECIFICATIONS

SYSTEM	
Laser Type	Diode-pumped solid state laser (DPSSL)
Wavelength	1040 \pm 25nm
Pulse Frequency	80 or 160 kHz depending on procedure
Pulse Duration	290-550 fs
Power Supply	230 VAC ~ 50 Hz/60 Hz
Power Outlet	L6-30
Heat Load	3000 w
Weight	1800 lb
Dimensions	L: 81.7 in (without patient bed) L: 82.7 in (with patient bed) W: 32.5 in H: 65.9 in
System Components	Main laser unit Patient bed included Sterile patient interface kit
Visualization	Live-action, high-contrast OCT High-resolution video microscope Optional external microscope
Patient Interface	Intelligent Pressure Sensors Curved interface with separate suction clip

APPLICATIONS	
Cataract Procedures	Capsulotomy Phacofragmentation Corneal incisions Arcuate incisions
Corneal Procedures	LASIK flap
ENVIRONMENT	
Room Conditions	Temperature 64.4°F to 75.2°F, controlled to \pm 2°F Humidity 30% to 50%, noncondensing Free of dust and particles; no carpet No solvent, chemical liquids, or fumes Floor under laser supports 15.6 lb/in ²
Room Dimensions	Minimum requirements: 11 ft 2 in x 12 ft 2 in (35° bed) 12 ft 8 in x 12 ft 2 in (70° bed)



Femtosecond to none.



Caution: United States Federal Law restricts this device to sale and use by or on the order of a licensed physician.

**INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM**
LASER CLASS 3B
Wavelength: 1040-125 nm
Pulse duration: 200-550 fs
Maximum pulse frequency: 160 kHz
Maximum output power: 0.86 W
IEC 60825-1:2007

The VICTUS® Platform is indicated for use in the creation of a corneal flap in patients undergoing LASIK surgery or other treatment requiring initial lamellar resection of the cornea, for anterior capsulotomy during cataract surgery, the creation of cuts/incisions in the cornea in patients undergoing cataract surgery or other ophthalmic treatment requiring cuts/incisions in the cornea, and for laser-assisted lens fragmentation during cataract surgery for nuclear cataracts, not for fragmentation of posterior subcapsular (PSC) and cortical cataracts.

Attention: Please refer to the **Directions for Use** for complete use instructions and safety.

Summary of Contraindications: Corneal disease or pathology that precludes transmission of laser wavelength or distortion of laser light. Patients who do not give informed consent, who are pregnant or nursing, have existing corneal implants, who have had any previous cornea surgery or pediatric patients. Conditions that interfere with intent to treat such as glaucoma, retinal disorders, rheumatic diseases, epilepsy, herpes zoster or herpes simplex keratitis, and heavy vascularization of ocular tissues. Conditions that interfere with proper docking such as chemosis, nystagmus, significant loss of stability of the conjunctiva, keratoconus, and corneal diseases requiring treatment. Conditions that may interfere with capsulotomy such as poorly dilating pupils, and anterior chamber depths (ACD) < 1.5 mm or ACD > 4.8 mm. Conditions that may interfere with creation of flap such as dry eye diseases, cataract, diabetes mellitus, severe acne rosacea, severe wound healing disorders, and immune deficiency diseases. Contraindicated for laser-assisted lens fragmentation of posterior subcapsular (PSC) and cortical cataracts.

©2014 Bausch & Lomb Incorporated. ®/™ are trademarks of Bausch & Lomb Incorporated or its affiliates. All other brand/product names are trademarks of their respective owners. SUR/VCT/14/0059 08/14

 **VICTUS**®
Femtosecond Laser Platform