Diagnostic Ultrasound

Eye Cubed™ delivers highest-quality image resolution and unparalleled sensitivity, making it the premier device for ultrasound examination of the eye. The system features real-time imaging, advanced movie modes using the fastest sampling rate available, and internal memory for storing scans - all of which advance and improve your diagnostic capabilities. In addition, an optional DICOM license enables seamless connectivity within the typical medical IT environment for retrieval of patient work lists, and for storage of Eye Cubed™ reports.

Eye Cubed’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy - essential in optimizing outcomes for oncology, retina detachment surgery or premium IOL/ICL placement.

• Superior Image Quality
• Highest Signal-to-Noise Ratio
• High-Speed Imaging
• Advanced Movie Technology
• A-Scan Modes
• B-Scan Modes

Eye Cubed™ delivers highest-quality image resolution and unparalleled sensitivity, making it the premier device for ultrasound examination of the eye. The system features real-time imaging, advanced movie modes using the fastest sampling rate available, and internal memory for storing scans - all of which advance and improve your diagnostic capabilities. In addition, an optional DICOM license enables seamless connectivity within the typical medical IT environment for retrieval of patient work lists, and for storage of Eye Cubed™ reports.

Eye Cubed’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy - essential in optimizing outcomes for oncology, retina detachment surgery or premium IOL/ICL placement.

• Superior Image Quality
• Highest Signal-to-Noise Ratio
• High-Speed Imaging
• Advanced Movie Technology
• A-Scan Modes
• B-Scan Modes

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retina conditions.

At Ellex, we understand that it’s the overall package – technology, people, reliability and commitment – that makes the difference between a one-time equipment sale and a lasting relationship.

It starts in the factory, where all of our laser and ultrasound systems are crafted from premium components and expert manufacturing processes to provide the highest levels of reliability and performance. Once a system is installed, we offer extensive clinical expertise and educational support, supported by a worldwide network of expertly trained field engineers and technical customer service centers in Japan, North America, Europe, and Australia. In each of these areas, we strive to create and maintain a culture of customer care that is unmatched. We settle for nothing less.

Configured to Meet Your Needs

Total Solution™ Tables

Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.

Wheelchair Accessible, Mobile

Wheelchair Accessible, Mobile
Photodisruption

The relatively new generation of YAG lasers offer an ever-increasing level of accuracy during YAG surgery. For this reason, Ellex YAG lasers feature state-of-the-art technology designed to help you achieve precise optical breakdown at the lowest energy levels possible. Add to this our exquisite focusing, and you will experience higher accuracy, more control, and reduced potential for side effects. Super Q® provides a precise, reliable solution for capsulotomy and iridotomy procedures, while Ultra Q™ with Reflex Technology™ offers an innovative solution for the treatment of vitreous strands and opacities. Both systems feature a fully integrated design which optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.

Photocoagulation

Ellex solid-state photocoagulators deliver safe, predictable, and consistent energy through a true, continuous-wave laser beam with real-time power control throughout the selected exposure time. This ensures superior energy distribution from beginning to end of exposure, and across the full diameter of the spot. In addition, our TrueSp® optical system combines the benefits of a particle system with low power density at the cornea. The Integre® platform of integrated photocoagulators offers a design in which the laser and slit lamp are optimally integrated for greater efficiency and reliability, as well as for comfort and improved ease of use. The portable, Versatile Solitaire™ green laser can be configured for the clinic, the operating room, or both.

Integrant Photocoagulator Platform

The integrated photocoagulator platform allows you to select from a number of wavelength configurations in order to best meet your clinical requirements—maximizing treatment flexibility and ensuring effective patient results.

Designed for consistent and repeatable treatment performance, the integration of the treatment laser and diagnostic slit lamp into one platform ensures the Integre® provides a high-resolution image coupled with optimum illumination of the fundus and fundus detail perception — making it the ideal system for the diagnosis and treatment of retinal disease.

Wavelength configurations:
- Green: 532 nm and 670 nm
- Yellow: 561 nm
- Green/red: 532 nm and 670 nm

SLT Photoregeneration

Gentle and non-invasive, selective laser trabeculoplasty (SLT) has become a therapy of choice for glaucoma management. This advanced, non-thermal treatment works by stimulating a natural healing response in the eye to manage intraocular pressure, promoting cellular regeneration without the burn and scar tissue associated with other laser procedures. Ellex offers two SLT systems: Tango™, SLT/YAG combination laser and Solo™, integrated SLT laser. Both systems feature a high level of precision, in which parameter settings can be adjusted at 0.1 mJ increments. This capability, coupled with superior energy control and the fastest repert rate in the industry at 3 Hertz, enables the delivery of quick and highly accurate SLT treatment.

Integrated SLT Laser

Solo™ is a highly effective tool for first-line glaucoma treatments, as adjunct therapy with drugs, and as alternative therapy when drugs or surgery fail.
- Fast, 3 Hertz Firing Rate
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- Precise Energy Thrust at 0.1 mJ Increments (0.3 to 2.0 mJ energy range)

SLT/YAG Combination Laser

Tango™ provides selective laser trabeculoplasty (SLT) and YAG capabilities in a single advanced laser system. Featuring a proprietary dual-mode laser cavity, Tango™ ensures efficient delivery of laser energy and is life-tested to deliver 400,000 shots.
- Selectable SLT or YAG Mode
- Fast, 3 Hertz Firing Rate
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- Precise Energy Thrust at 0.1 mJ Increments (0.3 to 2.0 mJ energy range)
- Files, Two-Point Focusing System in YAG Mode
- Ultra Gaussian Beam Profile in YAG Mode

One Powerful Vision

The Essential YAG Laser

Super Q® provides such precise and reliable treatments for capsulotomy and iridotomy procedures that it has been the world’s leading ophthalmic YAG laser since its introduction in 1986. It features a custom-designed laser cavity that provides an exceptional thermal, tertiary, and ergonomic design optimized for patient and physician comfort.

- Low Energy Breakdown
- Fine, Two-Point Focusing System
- Solid-State Q-Switch

Multi-Modality YAG Laser

Ultra Q® with Reflex Technology™ is optimized for both anterior and posterior hTcOAG laser treatments. Whether you are performing capsulotomy, with new generation IOLs, peripheral iridotomy for glaucoma or YAG laser vitreolysis for the treatment of vitreous strands and opacities, Ultra Q® delivers higher accuracy and greater control.

- Ultra Gaussian Beam Mode Enable Lower Energy Treatments
- Reflex Technology™ Provides Better Depth Perception in the Posterior Segment
- Fine, Two-Point Focusing System
- Solid-State Q-Switch
- Fast, 3 Hertz Firing Rate

Ultra Q® is also available in a standard configuration, optimized for capsulotomy and iridotomy procedures.

- Ultra Q® Provides Selective Laser Trabeculoplasty (SLT) and YAG Laser Options
- Ultra Gaussian Beam Profile in YAG Mode
- Fine, Two-Point Focusing System in YAG Mode
- Precise Energy Titration at 0.1 mJ Increments
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- High Power 532nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

Integrated SLT Laser

Solo™ can be configured for the clinic, the operating room, or both — with dual ports, programmable procedure memory, and compatibility with a wide variety of industry standard slit lamp and surgical microscope delivery systems.
- High Power 532nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

Versatile Green Laser

Solitaire™ green laser can be configured for the clinic, the operating room, or both — with dual ports, programmable procedure memory, and compatibility with a wide variety of industry standard slit lamp and surgical microscope delivery systems.
- High Power 532nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

Multi-Modality YAG Laser

Super Q® is optimized for both anterior and posterior hTcOAG laser treatments. Whether you are performing capsulotomy, with new generation IOLs, peripheral iridotomy for glaucoma or YAG laser vitreolysis for the treatment of vitreous strands and opacities, Ultra Q® delivers higher accuracy and greater control.

- Ultra Gaussian Beam Mode Enable Lower Energy Treatments
- Reflex Technology™ Provides Better Depth Perception in the Posterior Segment
- Fine, Two-Point Focusing System
- Solid-State Q-Switch
- Fast, 3 Hertz Firing Rate

Ultra Q® is also available in a standard configuration, optimized for capsulotomy and iridotomy procedures.

- Ultra Q® Provides Selective Laser Trabeculoplasty (SLT) and YAG Laser Options
- Ultra Gaussian Beam Profile in YAG Mode
- Fine, Two-Point Focusing System in YAG Mode
- Precise Energy Titration at 0.1 mJ Increments
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- High Power 532nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

Integrated SLT Laser

Solo™ can be configured for the clinic, the operating room, or both — with dual ports, programmable procedure memory, and compatibility with a wide variety of industry standard slit lamp and surgical microscope delivery systems.
- High Power 532nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

Integrated Photocoagulator Platform

The integrated photocoagulator platform allows you to select from a number of wavelength configurations in order to best meet your clinical requirements—maximizing treatment flexibility and ensuring effective patient results.

Designed for consistent and repeatable treatment performance, the integration of the treatment laser and diagnostic slit lamp into one platform ensures the Integre® provides a high-resolution image coupled with optimum illumination of the fundus and fundus detail perception — making it the ideal system for the diagnosis and treatment of retinal disease.

Wavelength configurations:
- Green: 532 nm and 670 nm
- Yellow: 561 nm
- Green/red: 532 nm and 670 nm

SLT Photoregeneration

Gentle and non-invasive, selective laser trabeculoplasty (SLT) has become a therapy of choice for glaucoma management. This advanced, non-thermal treatment works by stimulating a natural healing response in the eye to manage intraocular pressure, promoting cellular regeneration without the burn and scar tissue associated with other laser procedures. Ellex offers two SLT systems: Tango™, SLT/YAG combination laser and Solo™, integrated SLT laser. Both systems feature a high level of precision, in which parameter settings can be adjusted at 0.1 mJ increments. This capability, coupled with superior energy control and the fastest repert rate in the industry at 3 Hertz, enables the delivery of quick and highly accurate SLT treatment.

Integrated SLT Laser

Solo™ is a highly effective tool for first-line glaucoma treatments, as adjunct therapy with drugs, and as alternative therapy when drugs or surgery fail.
- Fast, 3 Hertz Firing Rate
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- Precise Energy Thrust at 0.1 mJ Increments (0.3 to 2.0 mJ energy range)
**Photodisruption**
Photodisruption which optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.

**Super Q® with Reflex Technology™**
Super Q® provides such precise and reliable treatments for capsulotomy and iridotomy procedures that it has been the world’s best selling ophthalmic YAG laser since its introduction in 1996. It features a custom-designed laser cavity that provides an exceptional fluence, combined with an ergonomic, optical design optimized for patient and physician comfort.

- **Low Energy Breakdown**
- **Fast, Two-Point Focusing System**
- **Solid-State Q-Switch**
- **Precise Two-Point Focusing System in YAG Mode**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Fast, 3 Hertz Firing Rate**
- **Solid-State Q-Switch**
- **Ultra Gaussian Beam Mode Enables Lower Energy Treatments**
- **No exposed fibers or cables**
- **Endophotocoagulation**
- **Laser Indirect Ophthalmoscope**
- **Optimized Retina Slit Lamp**
- **Superior Energy Distribution**
- **Selective Laser Trabeculoplasty (SLT)**
- **Optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.**

**Integre® platform of integrated photocoagulators offers a design in which the laser and slit lamp are optimally integrated for greater efficiency and reliability, as well as for comfort and improved ease of use. The portable, versatile Solitaire™ green laser can be configured for the clinic, the operating room, or both.**

**Integrated SLT Laser**
Sole is a highly effective tool for first-line glaucoma treatments, as adjunct therapy with drugs, and as an alternative therapy when drugs or surgery fail.

- **Fast, 3 Hertz Firing Rate**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **High Power 532nm Green Laser**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Selective SLT or YAG Mode**
- **Fast, 3 Hertz Firing Rate**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.**

**Super Q® with Reflex Technology™**
Super Q® provides such precise and reliable treatments for capsulotomy and iridotomy procedures that it has been the world’s best selling ophthalmic YAG laser since its introduction in 1996. It features a custom-designed laser cavity that provides an exceptional fluence, combined with an ergonomic, optical design optimized for patient and physician comfort.

- **Low Energy Breakdown**
- **Fast, Two-Point Focusing System**
- **Solid-State Q-Switch**
- **Precise Two-Point Focusing System in YAG Mode**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Fast, 3 Hertz Firing Rate**
- **Solid-State Q-Switch**
- **Ultra Gaussian Beam Mode Enables Lower Energy Treatments**
- **No exposed fibers or cables**
- **Endophotocoagulation**
- **Laser Indirect Ophthalmoscope**
- **Optimized Retina Slit Lamp**
- **Superior Energy Distribution**
- **Selective Laser Trabeculoplasty (SLT)**
- **Optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.**

**Integre® platform of integrated photocoagulators offers a design in which the laser and slit lamp are optimally integrated for greater efficiency and reliability, as well as for comfort and improved ease of use. The portable, versatile Solitaire™ green laser can be configured for the clinic, the operating room, or both.**

**Integrated SLT Laser**
Sole is a highly effective tool for first-line glaucoma treatments, as adjunct therapy with drugs, and as an alternative therapy when drugs or surgery fail.

- **Fast, 3 Hertz Firing Rate**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **High Power 532nm Green Laser**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Selective SLT or YAG Mode**
- **Fast, 3 Hertz Firing Rate**
- **SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols**
- **Precise Energy Titration at 0.1 mJ Increments**
- **Optimizes treatment and provides a number of advantages, including reliable and consistent energy delivery.**
Photodisruption

The tough demands of today’s new-generation intraocular lenses (IOLs) require an ever-increasing level of accuracy during YAG surgery. For this reason, Ellex YAG lasers feature state-of-the-art technology designed to help you achieve precise optical breakdown at the lowest energy levels possible. Add to that our exquisite focusing, and you will experience higher accuracy, more control, and reduced potential for side effects. Super Q® provides such precise and reliable treatments for the treatment of vitreous strands and opacities, posterior Nd:YAG laser treatments. Whether you are managing vitreous disease, promoting cellular regeneration without the burn and scar tissue associated with other laser procedures. Ellex offers two SLT systems: Tango™ SLT/YAG combination laser and Solo™ integrated SLT laser. Both systems feature a high level of precision, in which parameter settings can be adjusted at 0.1 mJ increments. This capability, coupled with superior energy control and the fastest repetition rate in the industry at 3 Hertz, enables the delivery of quick and highly accurate SLT treatment.

Photoocoagulation

Ellex solid-state photoocoagulators deliver safe, predictable and constant energy through a true, continuous-wave laser beam with real-time power control throughout the selected exposure time. This constrains superior energy distribution from beginning to end of exposure, and across the full diameter of the spot. In addition, our True Spot™ optical system combines the benefits of a parabolic system with low power density at the cornea. The Integre® platform of integrated photoocoagulators offers a design in which the laser and slit lamp are optimally integrated for greater efficiency and reliability, as well as for comfort and improved ease of use. The portable, Solitaire™ green laser can be configured for the clinic, the operating room, or both.

Photocoagulation

The Essential YAG Laser

Super Q+ provides such precise and reliable treatments for capsulotomy and iridotomy procedures that it has been the world’s best selling ophthalmic YAG laser since its introduction in 1996. It features a custom-designed laser cavity that provides an exceptional thermal, thermal, optimized for patient and physician comfort.

• Low Energy Breakdown
• Risk, Two-Point Focusing System
• Solid-State Q-Switch

Multi-Modality YAG Laser

Ellex UQ+ with Reflex Technology™ is optimized for both anterior and posterior iTCG laser procedures. Whether you are performing micropigmento, new-generation IOLs, peripheral solutions for glaucoma or YAG laser vitreolysis for the treatment of vitreous strands and opacities, Ultra Q™ delivers higher accuracy and greater control.

• Ultra Gaussian Beam Mode Enables Lower Energy Treatments
• High Power 532 nm Dual Fiber System
• Ultra-Gaussian Beam Mode Ensures Better Depth Perception in the Posterior Segment
• Fine, Two-Point Focusing System
• Solid-State Q-Switch
• Fast, 3 Hertz Firing Rate

Super Q+ is also available in a standard configuration, optimized for capsulotomy and iridotomy procedures.

Photocoagulation

Integrated Photocoagulator Platform

The Integre® photocoagulator platform allows you to select from a number of wavelength configurations in order to best treat your clinical requirements—maximizing treatment flexibility and ensuring effective patient results. Designed for consistent and repeatable treatment performance, this platform ensures the Integre® provides a high-resolution image coupled with optimum illumination of the fundus and improved depth perception – making it the ideal system for the diagnosis and treatment of retinal diseases.

Wavelength configurations:
- Green/red: 532 nm and 670 nm
- Green: 532 nm
- Yellow: 561 nm
- Green: 532 nm

Optimized Retina SLT Laser

No exposed fibers or cables
Superior Energy Distribution

Photocoagulation

Vernacular Green Laser

Solitaire™ can be configured for the clinic, the operating room, or both – with dual ports, programmable procedure memory, and compatibility with a wide variety of industry standard slit lamps and surgical microscope delivery systems.

- High Power 532 nm Green Laser
- Dual Fiber Port Option
- Programmable Procedure Memory
- Laser Indirect Ophthalmoscope
- Endophotocoagulation

SLT photoregeneration

Gentle and non-invasive, selective laser trabeculoplasty (SLT) has become a therapy of choice for glaucoma management. This advanced, non-thermal treatment works by stimulating a natural healing response in the eye to manage intraocular pressure, promoting cellular regeneration without the burn and scar tissue associated with other laser procedures. Ellex offers two SLT systems: Tango™ SLT/YAG combination laser and Solo™ integrated SLT laser. Both systems feature a high level of precision, in which parameter settings can be adjusted at 0.1 mJ increments. This capability, coupled with superior energy control and the fastest repetition rate in the industry at 3 Hertz, enables the delivery of quick and highly accurate SLT treatment.

Integrated SLT Laser

Solo™ is a highly effective tool for first-line glaucoma treatments, as adjunct therapy with drugs, and as alternative therapy when drugs or surgery fail.

- Fast, 3 Hertz Firing Rate
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- Precise Energy Titration at 0.5 µJ increments (0.3 to 2.0 µJ energy range)

SLT/YAG Combination Laser

Tango™ provides selective laser trabeculoplasty (SLT) and YAG capabilities in a single advanced laser system. Featuring a proprietary dual-mode laser cavity, Tango™ ensures efficient delivery of laser energy, and is life-tested to deliver 400,000 shots.

- Selectable SLT or YAG Mode
- Fast, 3 Hertz Firing Rate
- SLT Treatment Parameters Designed to Industry-Recognized Treatment Protocols
- Precise Energy Titration at 0.1 µJ increments (0.3 to 2.0 µJ energy range)
- Risk, Two-Point Focusing System in YAG Mode

Ultra Gaussian Beam Profile in YAG Mode

Optical Lasers and Imaging
Diagnostic Ultrasound

Eye Cubed™ delivers highest-quality image resolution and unparalleled sensitivity, making it the premier device for ultrasound examination of the eye. The system features real-time imaging, advanced movie modes using the fastest sampling rate available, and internal memory for storing scans - all of which advance and improve your diagnostic capabilities. In addition, an optional DICOM license enables seamless connectivity within the typical medical IT environment for retrieval of patient work lists, and for storage of Eye Cubed™ reports.

Eye Cubed’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy - essential in optimizing outcomes for oncology, retinal detachment surgery or premium IOL/ICL placement. And with an image acquisition rate of up to 25 frames-per-second, Eye Cubed™ provides the fastest image-sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retina conditions.

At Ellex, we understand that it’s the overall package - technology, people, reliability and commitment - that makes the difference between a one-time equipment sale and a lasting relationship.

Eye Cubed's superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy - essential in optimizing outcomes for oncology, retinal detachment surgery or premium IOL/ICL placement. And with an image acquisition rate of up to 25 frames-per-second, Eye Cubed™ provides the fastest image-sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retina conditions.

At Ellex, we understand that it’s the overall package - technology, people, reliability and commitment - that makes the difference between a one-time equipment sale and a lasting relationship.

Total Solution™ Tables
Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.
Diagnostic Ultrasound

Eye Cubed™ delivers highest-quality image resolution and unparalleled sensitivity, making it the premier device for ultrasound examination of the eye. The system features real-time imaging, advanced movie modes using the fastest sampling rate available, and internal memory for storing scans—all of which advance and improve your diagnostic capabilities. In addition, an optional DICOM license enables seamless connectivity within the typical medical IT environment for retrieval of patient work lists, and for storage of Eye Cubed™ reports.

Eye Cubed’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy—essential in optimizing outcomes for ophthalmic, retinal detachment surgery or premium IOL/ICL placement. With an image acquisition rate of up to 25 frames per second, Eye Cubed™ provides the fastest in-vivo image sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retinal conditions.

At Ellex, we understand that it’s the overall package—technology, people, reliability and commitment—that makes the difference between a one-time equipment sale and a lasting relationship.

It starts in the factory, where all of our laser and ultrasound systems are crafted from premium components and expert manufacturing processes to provide the highest levels of reliability and performance. Once a system is installed, we offer extensive clinical expertise and educational support, supported by a worldwide network of expertly trained field engineers and technical customer service centers in Japan, North America, Europe and Australia. In each of these areas, we strive to create and maintain a culture of customer care that is unmatched. We settle for nothing less.

Configured to Meet Your Needs

Total Solution™ Tables

Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.

Ellex Premiers Diagnostic Ultrasound

The intuitive, easy-to-use Eye Cubed™ makes it possible for you to see more during pre-op and post-op evaluation of ocular structures.

In addition, customized configuration of A-Scan and B-Scan modes ensures that Eye Cubed™ meets all of your needs for both the posterior and anterior segments.

• Superior Image Quality
• Highest Signal-to-Noise Ratio
• High-Speed Imaging
• Advanced Movie Technology
• A-Scan Modes
• B-Scan Modes

Ellex’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy—essential in optimizing outcomes for ophthalmic, retinal detachment surgery or premium IOL/ICL placement. And with an image acquisition rate of up to 25 frames per second, Eye Cubed™ provides the fastest in-vivo image sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retinal conditions.

At Ellex, we understand that it’s the overall package—technology, people, reliability and commitment—that makes the difference between a one-time equipment sale and a lasting relationship.

It starts in the factory, where all of our laser and ultrasound systems are crafted from premium components and expert manufacturing processes to provide the highest levels of reliability and performance. Once a system is installed, we offer extensive clinical expertise and educational support, supported by a worldwide network of expertly trained field engineers and technical customer service centers in Japan, North America, Europe and Australia. In each of these areas, we strive to create and maintain a culture of customer care that is unmatched. We settle for nothing less.

Configured to Meet Your Needs

Total Solution™ Tables

Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.

Ellex’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy—essential in optimizing outcomes for ophthalmic, retinal detachment surgery or premium IOL/ICL placement. And with an image acquisition rate of up to 25 frames per second, Eye Cubed™ provides the fastest in-vivo image sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retinal conditions.

At Ellex, we understand that it’s the overall package—technology, people, reliability and commitment—that makes the difference between a one-time equipment sale and a lasting relationship.

It starts in the factory, where all of our laser and ultrasound systems are crafted from premium components and expert manufacturing processes to provide the highest levels of reliability and performance. Once a system is installed, we offer extensive clinical expertise and educational support, supported by a worldwide network of expertly trained field engineers and technical customer service centers in Japan, North America, Europe and Australia. In each of these areas, we strive to create and maintain a culture of customer care that is unmatched. We settle for nothing less.

Configured to Meet Your Needs

Total Solution™ Tables

Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.

Ellex’s superior image clarity and flexible measurements allow for thorough pre-operative and post-operative assessment of ocular anatomy—essential in optimizing outcomes for ophthalmic, retinal detachment surgery or premium IOL/ICL placement. And with an image acquisition rate of up to 25 frames per second, Eye Cubed™ provides the fastest in-vivo image sampling rate available. This speed creates a real-time view of detailed ocular activity, including blood cell movement and membrane behavior.

Ellex Philosophy

Since the introduction of our first ophthalmic laser in 1985, Ellex has been building a knowledge base and reputation for excellence in ophthalmology. Today, more than 20,000 Ellex laser and ultrasound systems are used by ophthalmologists around the world to treat and diagnose patients with cataracts, glaucoma and retinal conditions.

At Ellex, we understand that it’s the overall package—technology, people, reliability and commitment—that makes the difference between a one-time equipment sale and a lasting relationship.

It starts in the factory, where all of our laser and ultrasound systems are crafted from premium components and expert manufacturing processes to provide the highest levels of reliability and performance. Once a system is installed, we offer extensive clinical expertise and educational support, supported by a worldwide network of expertly trained field engineers and technical customer service centers in Japan, North America, Europe and Australia. In each of these areas, we strive to create and maintain a culture of customer care that is unmatched. We settle for nothing less.

Configured to Meet Your Needs

Total Solution™ Tables

Each integrated laser system can be configured with a Total Solution™ table, designed to meet the needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.