SAFETY IS OUR SIGNATURE.

The Revolutionary WHITESTAR Signature™ System with Fusion™ Fluidics provides surgeons with the most advanced safety features to provide the best possible outcomes for their patients.

- Proprietary Fusion™ Fluidics anticipates occlusions and preemptively adjusts the vacuum for improved chamber stability
- Distinctive Dual Pump Technology offers both venturi and peristaltic modalities in a convenient single cassette
- Exceptional Ellips™ Transversal Ultrasound provides a new alternative to torsional phaco

Award-winning Customer Service

AMO is committed to providing outstanding technical support and services. In recognition of this, AMO received the 2008 North Face Award for superior customer service. Our full-time, dedicated AMO Direct Field Service Representatives are qualified, experienced, and knowledgeable and can provide surgeons with phaco expertise and support.

Experience the revolution in phaco today. Contact your AMO representative at 1–877–AMO–4-LIFE.

Part of the AMO® Complete Refractive Solution

SAFETY is defined by the company you keep.
The WHITESTAR Signature™ System with proprietary Fusion™ Fluidics anticipates occlusions and preemptively adjusts the vacuum to deliver superior chamber stability. Surgeons can expect state-of-the-art phacoemulsification technology designed to deliver efficiency, convenience, and control.

**Proprietary Fusion™ Fluidics**
- Optimizes chamber stability by anticipating occlusions and preemptively adjusting the vacuum before the occlusion breaks in as fast as 20 milliseconds
- Provides advanced surge-protection technology, allowing high vacuum and flow settings with any technique
- Distinctive Dual Pump Technology offers the safety of peristaltic, the performance of venturi, and the ability to switch pumps in a convenient, single cassette

**Advanced WHITESTAR® Micropulse Technology**
- Exceptional Ellips™ Transversal Ultrasound combines longitudinal and lateral motion to provide surgeons constant emulsification and improved followability without a change in preferred technique
- Advanced pulse shaping offers preset options, plus a range of amplitude settings for customization in each phaco setting
- Automatic occlusion sensing and power modulation for exquisite control
Only the WHITESTAR Signature™ System delivers up to **56% less surge** than the Infiniti® System and **19% less surge** than the Stellaris® System.

An independent, peer-reviewed study published in the *American Journal of Ophthalmology* shows that the WHITESTAR Signature™ System provides significantly better surge protection.

**The Best of Both Worlds**

With Dual Pump Technology

Proprietary dual-pump technology allows switching between peristaltic and venturi in one cassette:
- Utilize the peristaltic pump for deliberate and reliable performance during sculpting and nuclear fragmentation.
- Switch to the vacuum-based venturi pump for efficient irrigation/aspiration, epinuclear and corneal cleanup, and vitrectomy.
- Access the flexibility of both modalities for a cost-effective and efficient tool in multi-surgeon and teaching environments.

**Revolutionary Fusion™ Fluidics**
- Improves chamber stability by anticipating occlusions and preemptively adjusting the vacuum before the occlusion breaks.
- Provides advanced surge protection technology, allowing high vacuum and flow settings with any technique.
- Reduces phaco time and increases efficiency during surgery.

**SURGE COMPARISON CHART**

![Graph showing surge comparison between Infiniti®, Stellaris®, and WHITESTAR Signature™ systems.]

**FUSION™ FLUIDICS DUAL PUMP TUBING CASSETTE**

![Diagram of FUSION™ Fluidics Dual Pump Tubing Cassette with labels for Peristaltic pump, Switch control between venturi or peristaltic pump, and Venturi tank.]
Maximum Cutting Efficiency and Minimal Power With WHITESTAR® Technology

Ellips™ Transversal Ultrasound, the optimized alternative to torsional phaco, offers safe, efficient cutting

- Simultaneously combines longitudinal and transversal modes for constant emulsification and minimized clogging
- Delivers enhanced magnetic followability through WHITESTAR® Micropulse Technology
- Offers efficient cutting with any tip style, bent or straight, without a change in surgeons’ preferred technique

Micropulse Technology delivers better safety, ease of use, and faster phaco times

- Maximizes ultrasound efficiency for less risk of surgical complications and better outcomes
- Customizes pulse shaping for enhanced magnetic followability and cavitation acceleration
- Minimize endothelial cell loss and provide clearer corneas postop day one through efficient cavitation action

Advanced, High-speed Vitrectomy

Safe, reliable technology for efficacious procedures

- Maximum cut rate of 2,500 cpm for efficient surgery
- Vitrectomy cutter options include 20 g, 23 g, and 25 g for all techniques including coaxial and sutureless pars plana
- Programmable foot pedal functionality

Built-in Innovation and Ease-of-use With the WHITESTAR Signature™ System

User-friendly, efficient interface and accessories

- Provides fast one-touch prime/tune cycle to expedite OR turnover
- Allows individual surgeon settings to be uploaded from any memory stick
- Offers cutting edge accessories, such as LCD touchscreen monitor, wireless remote using Bluetooth® technology, and multilingual voice communication
- One-step loading tubing cassette

Pulse shaping with preprogrammed, millisecond energy punch accelerates cavitation.

Packing Amplitude

Pulse Width

Power Level

Built-in Innovation and Ease-of-use With the WHITESTAR Signature™ System

- Provides fast one-touch prime/tune cycle to expedite OR turnover
- Allows individual surgeon settings to be uploaded from any memory stick
- Offers cutting edge accessories, such as LCD touchscreen monitor, wireless remote using Bluetooth® technology, and multilingual voice communication
- One-step loading tubing cassette

Lightweight, ergonomic handpiece

Easy-to-load tubing cassette