For more information about custom cold phaco with WHITESTAR® ICE Technology, call 800-449-3060 or visit us online at www.sovereignsystem.com.
Maximize Your SOVEREIGN® Compact Potential With WHITESTAR® ICE Technology

WHITESTAR® ICE...Increased Control and Efficiency

Increased control
★ Only WHITESTAR® ICE CASE (Ch:Amber Stabilization Environment) technology optimizes fluidics during cataract removal while significantly reducing surge on occlusion break.

CASE Chamber Stabilization Test

Increased efficiency
★ Only WHITESTAR® ICE patented ICE Pulse technology maximizes energy cutting efficiency by producing cavitational energy at the lowest energy threshold—more cutting with less energy.

Upgrade to custom cold phaco with unique variable WHITESTAR® Technology
★ Accepts custom settings from a range of validated and clinically proven duty cycles
★ Provides each surgeon with linear control of two sets of variable WHITESTAR® Technology settings with the SOVEREIGN® Compact foot pedal
★ Facilitates the removal of all lens types by any technique

Simple soft lens removal
★ Reduces risk of capsular bag rupture
★ Uses little or no ultrasound
★ Accommodates surgeons’ preference of surgical technique

Approximately 56% less surge at 500 mmHg, 45 cc/min and a 20 gauge phaco tip.
Maximum Control and Safety in a Compact Package

Magnetic followability

★ Lens “follows” phaco tip throughout the procedure
★ Minimizes lens chatter and turbulence

Ping-Pong Effect (Continuous Ultrasound)

Magnetic Followability (WhiteStar™ Cold Phaco Technology)

WHITESTAR® Technology’s proprietary microburst and microrest pattern creates magnetic followability between the phaco tip and the lens.

This reduces the ping-pong effect associated with conventional phaco and water–jet technologies, keeping the lens on the tip throughout the procedure for enhanced efficiency.

Advanced digital fluidics for excellent chamber stability

★ Patented microprocessor-based system continuously monitors and controls intraocular conditions for elegant cutting, even at 5% power
★ AMO’s proprietary, programmable occlusion mode phaco virtually eliminates surges, even at high vacuum setting
★ Closed fluidic system prevents cross-contamination; no internal cleaning necessary

Aspiration rate and power can be independently programmed for pre- and postocclusion conditions.

New SOVEREIGN® Compact accessories enhance fluidic performance.
SOVEREIGN® Compact
Small, easy-to-use system with WhiteStar® Technology

- Advanced digital fluidics for excellent control and chamber stability
- Wide range of programmable power options
- Clinically proven custom phaco power delivers clearer corneas post-op day 1

Short learning curve
- Fast, easy programming
- Enhanced user interface for ease of use
- Onboard memory for up to 16 surgeons’ settings
- Surgeon’s preference of surgical technique

Superior cost savings
SOVEREIGN® Compact is cost effective to acquire and operate.
- Instant Access Acquisition Program makes SOVEREIGN® Compact Technology available with no capital outlay
- Choice of tubing options

Simplified setup for maximum efficiency
- Onboard memory for up to 16 surgeons’ settings
- Fast, easy programming
- Enhanced user interface offers ease of use

A full-featured system in a space-saving package
- Choice of tubing options
- Small size and light weight, needs less space in the operating room
- Carrying cases available for console and footpedal, IV pole and cart
- Optional SOVEREIGN® Compact open toe foot pedal
  - Full range of functionality
  - Comfortable heel rest
  - Accommodates any foot size

References: