



Control. Confidence. Performance.

Master the art of perfect balance through the **WHITESTAR Signature[®]** System's combined energy and fluidics management.



DESCRIPTION	
Pump:	Dual Pump Peristaltic and Venturi pump—possible with the same cassette and pump can be changed in sub modes Built in Compressor for Venturi system
Fluidics	<ol style="list-style-type: none"> 1) Closed Fluidic System avoids chances of contamination 2) Aspiration up to 60 CC per minute 3) Peristaltic pump maximum vacuum range of 650 mmHg 4) Venturi pump maximum vacuum range of 600 mmHg 5) Vacuum and Aspiration Flow rate - Programmable Linear Control OR Panel Control. 6) Reflux: Gravity Fed 7) Surgeon choice Venting: Fluid Venting System or Pump venting
Anterior Vitrectomy	<ol style="list-style-type: none"> 1) Maximum cut rate of 2,500 CPM 2) 20g coaxial Vitrectomy cutter 3) 20, 23 and 25g Vitrectomy cutter options for suture-less pars plana operation
Advance Occlusion Mode	Flow, vacuum and ultrasound simultaneously and automatically regulate as the phaco tip senses the occlusion at the phaco tip and machine automatically regulates the occlusion breaking process.
Transversal Ultrasound	Longitudinal and Transversal ultrasound blended and will work with any tip style- Straight or Curved
Ultrasound:	<ol style="list-style-type: none"> 1) Micro pulse with Pulse Shaping Technology 2) Micro pulse Technology available in both modes - continuous mode of Ultrasound and within Pulse mode of ultrasound power delivery system. 3) Auto Tuning Mode 4) Ultrasound Frequency 38.6 KHz 5) Phaco Pulse frequency setting and duty cycle are adjustable 6) Different Type of pulses are available like Short Pulses, Long Pulses, Power Pulses with adjustable number of pulses
Easy to Transfer the surgeon program	Surgeon setting can be uploaded to any other same system using PEN Drive (memory stick) only.
Adjustable Pump Pick up Speed	Adjustable pump pick up speed with each Phaco mode and irrigation/Aspiration mode
Video Overlay Unit available	
Phaco Hand piece	Single Phaco hand piece can be used for Traditional ultrasound and Transversal ultrasound Handpiece is compatible with both bent and straight tips
Diathermy	Bi-Polar Continuous Linear, Burst or Panel Modes
Display	17" LCD Panel Touch screen and voice confirmation
Memory	Suitable for multi-surgeon set up
Auto Motorized I/V Pole with Mayo Tray	Motorized I/V pole with three dimensional mayo tray movement
Remote Control	Wireless Remote Control.
Foot-Pedal	Most functions of the of machine Programmable through the foot pedal

REFERENCES:

1. Data on file. Santa Ana, Calif: Abbott Medical Optics Inc.
2. WHITESTAR Signature Operator's Manual. Santa Ana, Calif: Abbott Medical Optics Inc.
3. WHITESTAR Signature Brochure 2010.03.10-CT1822

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PP2015CT0075