

# WHITESTAR SIGNATURE™ PRO



You decide what is best for you and your patients. So choose a phaco system that meets your needs and wishes.

Our **WHITESTAR SIGNATURE™ PRO** phacoemulsification system offers a high standard of quality and performance - regardless of which technique you prefer - according to your priorities and preferences.

## PHACOEMULSIFICATION SYSTEM<sup>1</sup>

### SYSTEM CONSOLE

		METRIC
Console dimensions (width display)	Width	61 cm
	Depth	61 cm
	Height	150 cm
Weight (including IV pole)		84 kg
Power cord length		600 cm

### FOOT PEDAL - ADVANCED **CONTROL** PEDAL WIRELESS

Dimensions	Width	27 cm
	Depth	36 cm
	Height	14 cm
Weight		7 kg
Cord length		366 cm

### FOOT PEDAL - ADVANCED **LINEAR** PEDAL WIRELESS

Dimensions	Width	25 cm
	Depth	39.6 cm
	Height	12.4 cm
Weight		5 kg
Cord length		366 cm

### PROGRAMMABLE IV POLE

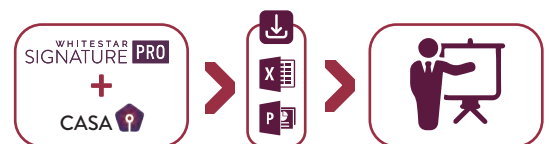
Maximum travel	106 cm
Velocity	6 cm/sec.
Maximum lift weight	1.1 kg

### WIRELESS REMOTE CONTROL

Dimensions	Width	13 cm
	Depth	13 cm
	Height	4 cm
Weight		0.9 kg



CATARACT ANALYSIS  
AND SETTINGS APPLICATION  
(CASA)



Available on the iPad device.

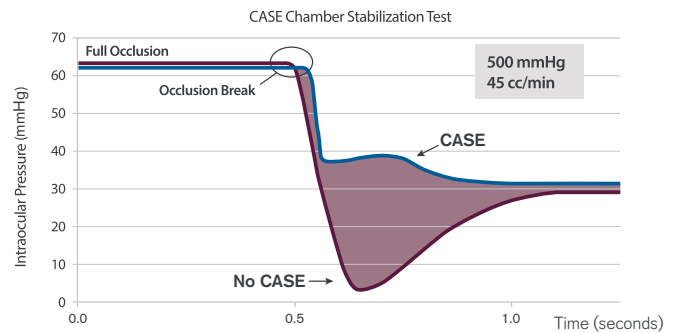
Johnson & Johnson Vision does not provide or sell tablets and smartphones devices with the CASA application, phaco systems, LCS platforms or their accessories. CASA is not currently available for Android devices. CASA is not a medical device. Please read the CASA user's guide for comprehensive instructions for use.

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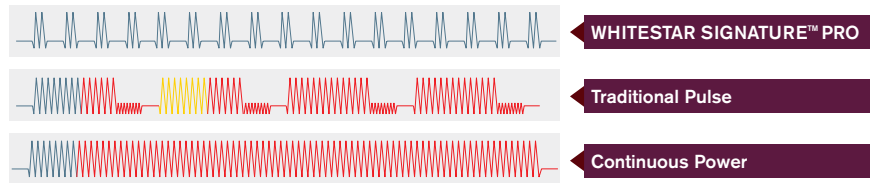
## ADAPTIVE OCCLUSION SENSING TECHNOLOGY (CASE)<sup>2</sup>

Proactive response to adverse pressure changes during surgery for excellent chamber stability



## WHITESTAR SIGNATURE™ PRO ICE

Individual adjustment of pulse frequency and pulse pause to minimize the ultrasound energy (Cold Phaco)

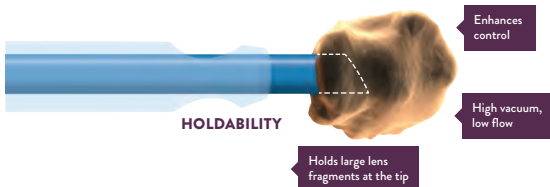


## ADAPTIVE FLUIDICS TECHNOLOGY - DUAL-PUMP SYSTEM

INDIVIDUAL CHANGE BETWEEN PERISTALTIC AND VENTURI PUMP POSSIBLE DURING SURGERY

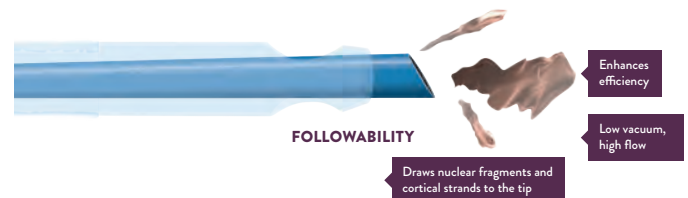
### PERISTALTIC FOR **INTRAOPERATIVE CONTROL**

- Holds large lens fragments at the tip, allowing surgeons to effectively pull first quadrant centrally<sup>3</sup>
- Fine fluidics control during sculpting<sup>1</sup>
- High vacuum levels for nucleus segmentation<sup>1</sup>



### VENTURI FOR **EFFICIENT EXTRACTION**

- Increased followability draws nuclear fragments and cortical strands to the tip<sup>3,4</sup>
- Reduces time of fragment removal<sup>3</sup>



## ELLIPS™ FX-ULTRASOUND

- Combines the benefits of transversal and longitudinal movement
- High performance with minimal clogging<sup>5</sup>



## TWO CHOICES OF FOOT PEDALS

### ADVANCED **CONTROL** PEDAL<sup>1</sup>

- Easy-grip handle for repositioning and storage
- Adjustable foot stabilizers and heelrest to secure and accommodate most footwear
- Small, compact design for easy storage



### ADVANCED **LINEAR** PEDAL<sup>1</sup>

- Four-button, wireless foot pedal built for ease of use, responsiveness and control
- Ergonomically designed for comfort and reduced operator stress



### References:

1. WHITESTAR SIGNATURE™ PRO - Operator Manual - 0100-7600 - Rev. C. REF2020CT4240. 2. Data on file 171 - Wong W. WhiteStar CASE Chamber Stability. 22 April 2014. REF2014CT0019. 3. Cahoon JM, et al. Comparison of venturi and peristaltic vacuum in phacoemulsification. *J Cat Refract Surg.* 2015;41(2):428-432. REF2016CT0274. 4. Hida WT, et al. Prospective randomized comparative study between venturi and peristaltic pumps in WhiteStar Signature<sup>®</sup> phacoemulsification machine. *Clinical Ophthalmology* 2019;13:49-52. REF2020CT4206. 5. Assil K, et al. Transverse vs torsional ultrasound: prospective randomized contralaterally controlled study comparing two phacoemulsification-system handpieces. *Clinical Ophthalmology*; 2015;9:1405-1411. REF2015CT0477.

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