

WHITESTAR
SIGNATURE **PRO**

It's all in
**your
hands**



**PHACOEMULSIFICATION
PRODUCT CATALOG**

Johnson & Johnson VISION

WHITESTAR SIGNATURE PRO SYSTEM



WHITESTAR SIGNATURE PRO System Console Part #NGP680301



CASA System data from your smartphone and tablet

Johnson & Johnson Vision does not provide or sell tablets and smartphones devices with the CASA application, phaco systems, LCS platforms or their accessories.

Please read the CASA user's guide for a comprehensive instruction of use.



ELLIPS FX Handpiece Part #690880



Advanced Linear Pedal Part #NGP680703



LAMINAR Flow Phaco Tip - Straight



Advanced Control Pedal Part #NGP680702



LAMINAR Flow Phaco Tip - Curved



Remote Control Part #NGP680137



FUSION Fluidics Dual Pump Single-Use Tubing Part #OPO73



High-Definition Surgical Media Center (HDSMC) Part #HDSMC



STATE-OF-THE-ART ANALYTICS

A WHOLE NEW WAY TO LOOK AT YOUR PRACTICE

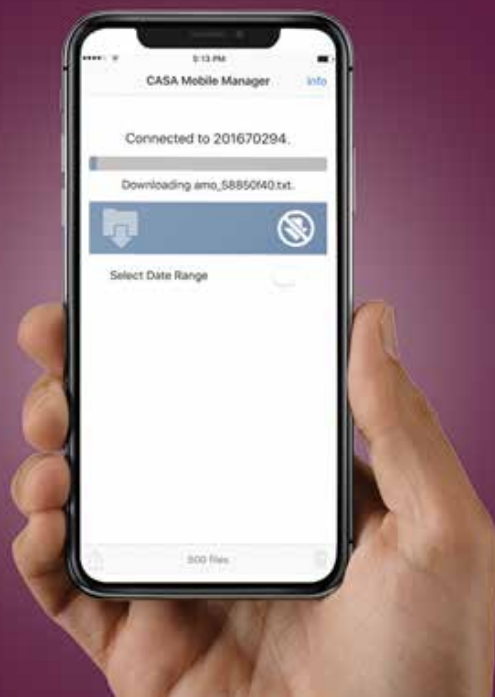
Designed for surgeons and administrators, the Cataract Analysis and Settings App (**CASA**) delivers easily accessible surgical performance metrics directly to your iPad device, **empowering you to elevate your surgical suite management using accurate, quantifiable insights** on your procedural outcomes.



ANALYZE TO OPTIMIZE

Empower your surgical suite management with the **CATARACT ANALYSIS AND SETTINGS APPLICATION (CASA)**

- Wirelessly connect to one or multiple systems
- Get a customized, strategic view of your practice
- Access easy-to-interpret performance charts
- Empower surgeons, administrators and everyone in between



With **CASA**, you can easily access **WHITESTAR SIGNATURE PRO** System data from your smart-phone and tablet.



Johnson & Johnson Medical Optics does not provide or sell iPad devices with the CASA application, phaco systems, LCS platforms or their accessories. CASA is not currently available for Android devices. Please read the CASA user's guide for a comprehensive instruction for use.



EXCEPTIONAL VERSATILITY

ELLIPS FX TECHNOLOGY

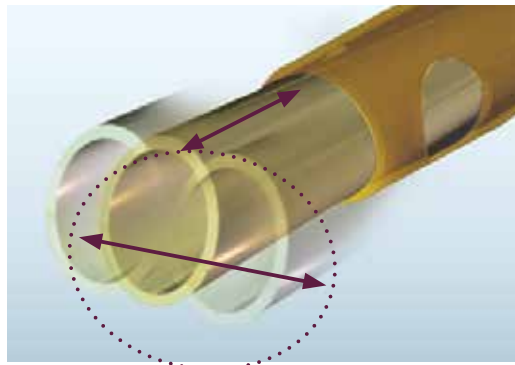
Smooth and efficient lens extraction¹

- Cutting-edge technology delivers superb performance
- Exclusive simultaneous blending of transversal and longitudinal motion
- Efficient cutting¹ and high frequency
- Unique technology effectively holds fragments at tip end for enhanced followability



Smooth cutting for excellent efficiency

ELLIPS FX Technology is a new paradigm in lens extraction technology – simultaneous blending of longitudinal and transversal modalities at high cutting frequency. More power and combined energy modalities designed to offer you excellent cutting efficiency¹ and precise control without having to change your preferred technique.



Delivering exceptional versatility

- Does not require a change in technique
- Can be used with all Johnson & Johnson Vision tip styles, curved or straight and flared

ELLIPS FX Technology provides a large stroke path and simultaneous blending of longitudinal and transversal motion for efficient cutting and fast lens removal.¹



WHITESTAR
Phaco Handpiece
Part #690697



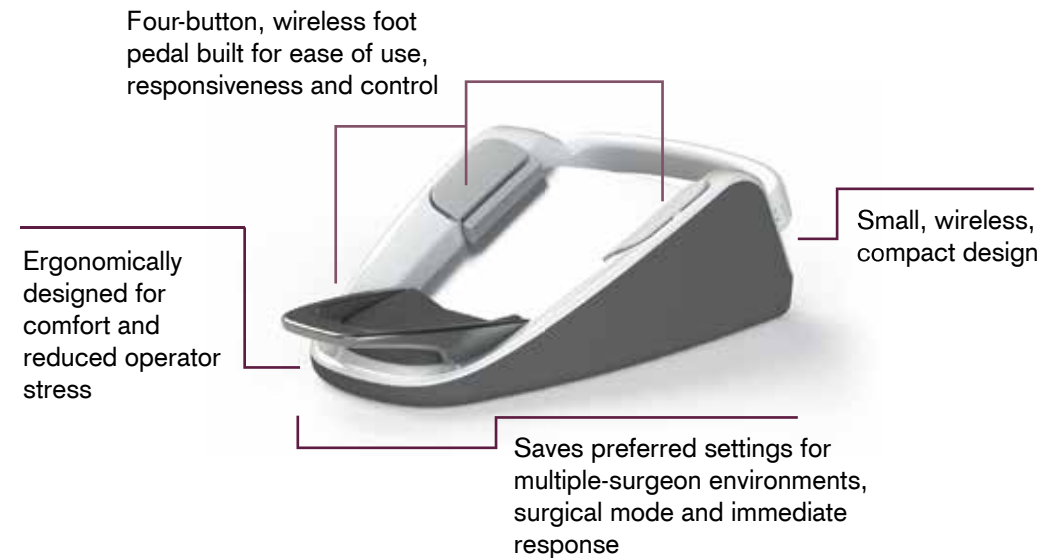
ELLIPS FX
Handpiece
Part #690880

TWO CHOICES OF FOOT PEDALS

Easy-to-use foot pedals provide up-down and left-right positions to deliver customizable switching capabilities for all system functions.

ADVANCED LINEAR PEDAL

Part #NGP680703



ADVANCED CONTROL PEDAL

Part #NGP680702

- Easy-grip handle for repositioning and storage
- Adjustable foot stabilizers and heelrest to secure and accommodate most footwear

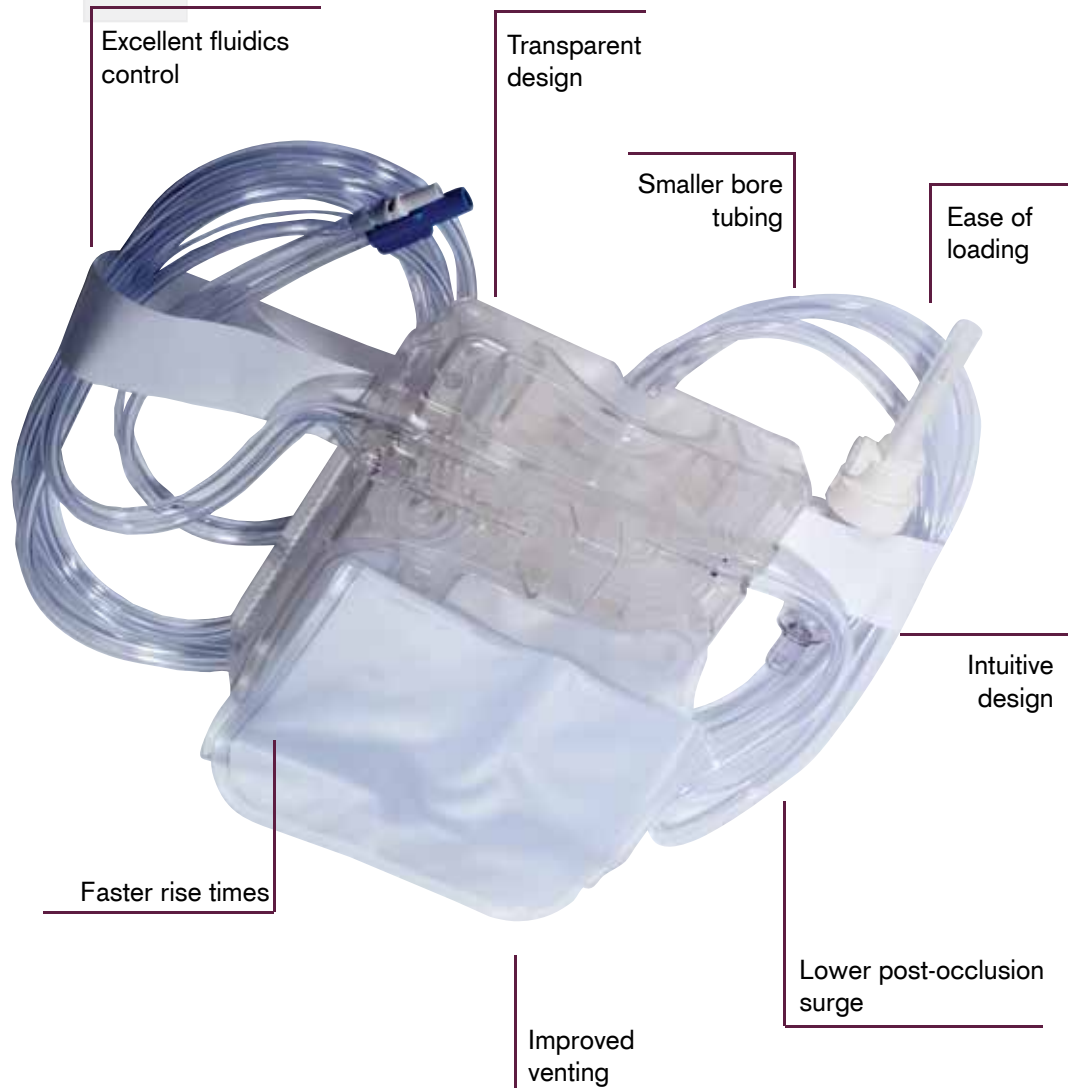


1. Assil K, et al. Transverse vs torsional ultrasound: prospective randomized contralaterally controlled study comparing two phacoemulsification-system handpieces. *Clinical Ophthalmology* 2015; 9:1405-1411. REF2015CT0477



PROACTIVE IOP MANAGEMENT

FUSION FLUIDICS DUAL-PUMP SINGLE-USE TUBING OPO73*



FUSION Fluidics Dual-Pump Single-Use Tubing Part #OPO73



PROCEDURE PACK

With multiple configuration options depending on your particular needs, Johnson & Johnson Vision provides custom-made procedure packages to add value by simplifying the access to key consumables for a successful surgery.

*Compared to OPO71 tubing

IRRIGATION AND ASPIRATION ACCESSORIES

You can use the following products with all Johnson & Johnson Vision Phaco Systems.

Coaxial:

PHACOFIT Irrigation / Aspiration Products

Part number	Name	Quantity
OM055002	Titanium handle	1 each
OM0551012	Tip, curved, 0.3-mm port	1 each
OM0551013	Tip, 45 degree, 0.3-mm port	1 each
OM0551014	Tip, 90-degree, 0.3-mm port	1 each
OM0551016	Tip, straight, 0.3-mm port for silicone sleeve	1 each
OM05510116	Tip, 45-degree, 0.3-mm port for silicone sleeve	1 each
Ti-98431	Tip, 21-gauge, straight, 0.3-mm port	1 each
Ti-98432	Tip, 21-gauge, bent, 0.3-mm port	1 each
OM05510112	Replacement O-ring	5 per box



PHACOFIT Multi-tip Irrigation and Aspiration Products

Bimanual:

Duet Bimanual 22g Irrigation / Aspiration System

Part number	Name	Quantity
DU02100	Duet aspiration handle	1 each
DU02200	Duet irrigation handle	1 each
DU-02355	Aspiration tip, 22-gauge, curved, closed end, 0.3-mm port, capsule polisher	1 each
DU-02354	Irrigation tip, 22-gauge, curved, closed end	1 each



IRRIGATION AND ASPIRATION ACCESSORIES

Use of Johnson & Johnson Vision irrigation and aspiration systems according to incision size

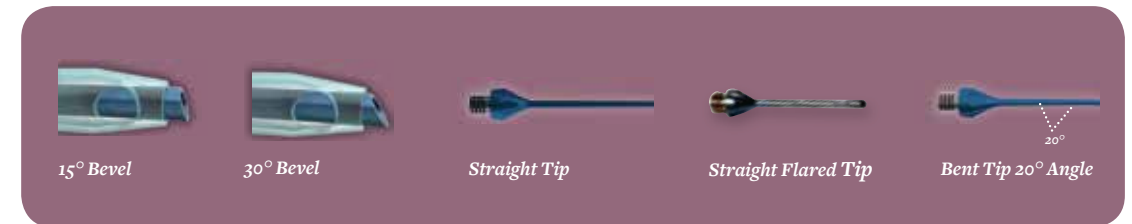
Phaco tips	Incision size 2.2 mm to 2.4 mm	Incision size 2.4 mm to 2.7 mm	Incision size 2.7 mm to 3.0 mm
21 Gauge (Blue Tips)	Light-Blue Sleeve OPOS21LD <i>Single Use</i> 	—	—
20 Gauge (Gold Tips)	—	Yellow Sleeve OPOS20L <i>Reusable</i> 	—
19 Gauge (Silver Tips)	—	—	Blue Sleeve OPOS19L <i>Reusable</i> 

	Incision size 2.2 - 2.4 mm	Incision size 2.4 - 2.7 mm	Incision size 2.7 - 3.0 mm
Duet BiManual I/A System	MST Duet aspiration handle: DU02100 WITH	—	—
	Curved aspiration tip, closed end, 22g (0.7 mm), 0.3 mm port capsule polish: DU-02355 AND	—	—
	MST Duet irrigation handle: DU02200 WITH	—	—
	Curved irrigation tip, closed end, 22g (0.7 mm): DU-02354	—	—
I/A handles and tips	I/A Titanium handle: OMO55002 WITH	I/A Titanium handle: OMO55002 WITH	I/A Titanium handle: OMO55002 WITH
	MST Barrett V2, 21g, straight, capsule polish, 0.3-mm port: Ti-98431 OR	Tip, curved, 0.3-mm port: OMO551012 OR	Tip, curved, 0.3-mm port: OMO551012 OR
	MST Barrett V2, 21g, bent, capsule polish, 0.3-mm port: Ti-98432 OR	Tip, 45-degree, 0.3-mm port: OMO551013 OR	Tip, 45-degree, 0.3-mm port: OMO551013 OR
	OR	Tip, 90-degree, 0.3-mm port: OMO551014 OR	Tip, 90-degree, 0.3-mm port: OMO551014 OR
	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 WITH	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 WITH	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 WITH
	21g sleeve OPOS21LD	20g sleeve OPOS20L	19g sleeve OPOS19L

COMMONLY USED SLEEVES GUIDE

Accessories	Product description	Sleeve color	Usage	Tip gauge size	Incision size
OPOS21LD	PKG ASSY, OPOS21LD 21GA IRRIGATION	Light Blue	Single Use	21	2.2 mm to 2.4 mm
OPOS20L	20G SLEEVE	Yellow	Reusable	20	2.4 mm to 2.7 mm
OPOS19L	Johnson & Johnson LAM Flow Infu Slv/Test CHBR 19 Gauge	Blue	Reusable	19	2.7 mm to 3.0 mm
OPOMTWL	LAMINAR FLOW METAL TIP WRENCH	-	Reusable	-	-

COMMONLY USED PHACO TIPS



Straight Tips	19 Gauge	21 Gauge		20 Gauge	
15° Bevel	OPOR1519L <i>Reusable</i>	OPOR1521G <i>Single Use</i>	—	—	OPOR1520L <i>Reusable</i>
30° Bevel	OPOR3019L <i>Reusable</i>	OPOR3021G <i>Single Use</i>	OPOR3021R <i>Reusable</i>	OPOD3020L <i>Single Use</i>	OPOR3020L <i>Reusable</i>
Straight Flared Tips					
30° Bevel	OPOF3019L <i>Reusable</i>	—	—	—	—
Bent Tips					
30° Bevel	—	OPOCR3021L <i>Single Use</i>	—	OPOCR3020L <i>Single Use</i>	—

EXTERNAL SHAFT OUTER DIAMETER

	Tip OD (Outer Diameter)	Tip ID (Inner Diameter)
21 Gauge	0.74 mm	0.56 mm
20 Gauge Flare	0.74 mm (shaft) 0.9 mm (at tip)	0.56 mm
20 Gauge	0.9 mm	0.7 mm
19 Gauge	1.1 mm	0.9 mm

MISCELLANEOUS ACCESSORIES

ENDOSOL Saline Solution:

Balanced salt solution for ophthalmic irrigation

Part number	Name	Quantity
15020	Sterile, isotonic and preservative-free solution	500-ml glass bottle 10 bottles per carton



Diathermy Accessories:

You can use the following products with the **WHITESTAR SIGNATURE PRO** System.

Part number	Name	Quantity
K121085AL	Multi-use bipolar forceps, curved iris	1 each
K147000AL	Multi-use, 18-gauge diathermy pencil	1 each
SCP680600	Diathermy cable with connector for forceps or pencil	1 each

Anterior Vitrectomy Accessories:

Part number	Name	Quantity
NGP0020	20-gauge high-speed vitrectomy cutter*	6 per box
NGP0023	23-gauge high-speed vitrectomy cutter*	6 per box

* for **WHITESTAR SIGNATURE PRO** System



Sterilization Trays:

Part number	Name	Quantity
OM2908011	Handpiece sterilization tray	1 each



Power Cord:

Part number	Name	Quantity
4000811C	Power cord continental version	1 each
4000821U	Power cord UK version	1 each



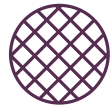
Wall Charger: (foot pedal)

Part number	Name	Quantity
0100 - 1835	AC charger wireless connector	1 each

SINGLE-USE COAXIAL I/A INSTRUMENTS



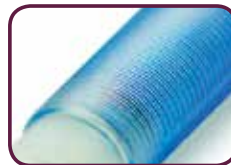
POLISHED



TEXTURED

Introducing our latest **WHITESTAR SIGNATURE PRO** phaco system accessories. Our new disposable irrigation/aspiration instruments offer:

- Modern ergonomic design
- Exceptional grip for outstanding handling
- Colour coding of gauge sizes
- Available for recommended incisions sizes of: 1.8 mm / 2.2 mm / 2.5 mm
- Choice of polished or textured tips



AVAILABLE IN:



20 G

21 G

23 G

REFERENCE Nr.	DESCRIPTION
MCS4520P	1 angled 45° 20 G, asp. port 0.35 mm, handpiece with polished asp. head, incision size 2.5 mm
MCS6520T	1 angled 65° 20 G, asp. port 0.35 mm, handpiece with textured asp. head, incision size 2.5 mm
MCS4521P	1 angled 45° 21 G, asp. port 0.35 mm, handpiece with polished asp. head, incision size 2.2 mm
MCS4523P	1 angled 45° 23 G, asp. port 0.30 mm, handpiece with polished asp. head, incision size 1.8 mm



SOFTIP

Additionally to polished and textured tips, we also offer handpieces with silicone soft tip.

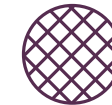
- Modern ergonomic design
- Exceptional grip for outstanding handling

REFERENCE Nr.	DESCRIPTION
MCS4521ST	1 angled 45° 21 G, asp. port 0.35 mm, handpiece with SOFT-TIP, incision size 2.2 mm

SINGLE-USE BIMANUAL I/A INSTRUMENTS



POLISHED



TEXTURED

- Modern ergonomic design
- Exceptional grip for outstanding handling
- Colour coding of gauge sizes
- Available for recommended incisions sizes of 0.8 mm / 1.1 mm



AVAILABLE IN:

21 G

23 G

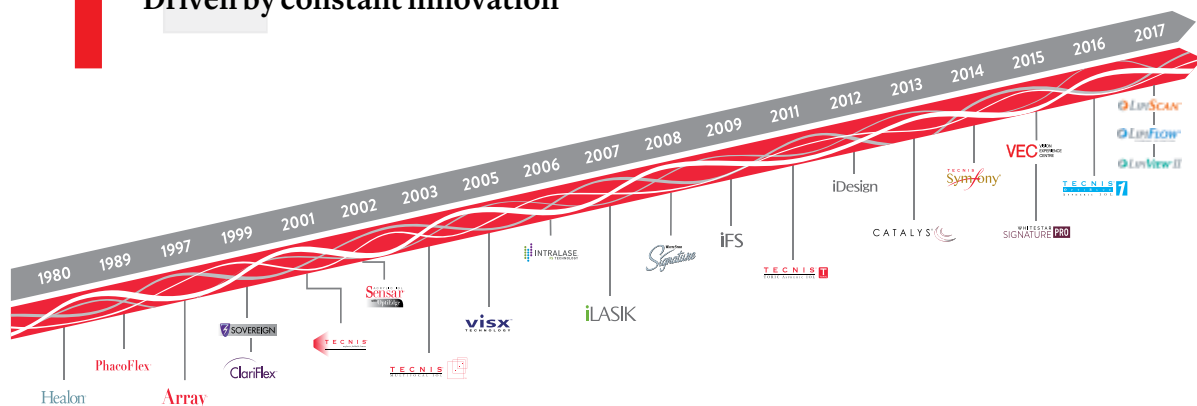
REFERENCE Nr.	DESCRIPTION
MBSCR21	1 aspiration handpiece 21 G, 1 irrigation handpiece 21 G, with 2 irrigation ports 0.45 mm, incision size of 1.1 mm
MBSCR23	1 aspiration handpiece 23 G, 1 irrigation handpiece 23 G, with 2 irrigation ports 0.30 mm, incision size of 0.8 mm



- 1. DRIVEN BY CONSTANT INNOVATION
- 2. A GLOBAL BRAND RECOGNIZED BY PATIENTS
- 3. OFFERING OUTSTANDING SERVICE AND SUPPORT

ONE PARTNER FOR YOU

1 Driven by constant innovation



Johnson & Johnson VISION

2 A global brand recognized by patients



3 Offering outstanding service and support



*Brands available in specific markets

WHITESTAR SIGNATURE PRO SYSTEM PHYSICAL SPECIFICATIONS



System Console		Metric
Console dimensions (with display)	Width	61 cm
	Depth	61 cm
	Height	150 cm
Power cord length		600 cm
Weight (including IV pole)		84 kg
Foot pedal		
Advanced Control Pedal		
Dimensions	Width	27 cm
	Length	36 cm
	Height	14 cm
Weight		7 kg
Cord length		366 cm
Advanced Linear Pedal		
Dimensions	Width	25 cm
	Length	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
	Length	13 cm
	Height	4 cm
Weight		0.9 kg

Not all products are approved or offered in every market and instructions may vary from one country to another. Please talk to your Johnson & Johnson Vision contact about availability in your country.

This document must not be edited without Regulatory Approval.

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