



SYNERGETICS -PRODUKTKATALOG

04/2016

BAUSCH + LOMB
A Valeant Pharmaceuticals International, Inc. company

 **Synergetics®**



Illumination

last updated 05.15

	ILLUMINATION SOURCES ¹ to which Synergetics illumination devices will connect	PHOTON™ PHOTON™ II PHOTON™ EX PHOTON™ II EX	VersaVIT™	Alcon Accurus, Xenon Alcon Constellation B + L Stellaris PC DORC Brightstar	
	Gauge Size	PSPA supplied with PHOTON™ / PHOTON™ II	Direct Connect	Refer to Adapters Section	Refer to Adapters Section
Widefield Diffusion	20ga 23ga 25ga	56.21P 56.21.23P 56.21.25PS		56.21P 56.21.23P 56.21.25PS	56.21 56.21.23
Corona Shielded Widefield	20ga 23ga 25ga	56.12.23P 56.12.25P		56.12.23P 56.12.25P	56.12
Widefield	20ga				56.01
Midfield	20ga 23ga 25ga 27ga	56.22P 56.22.23P 56.22.25P 56.22.27P	56.65 56.65.23 56.65.25 56.65.27	56.22P 56.22.23P 56.22.25P 56.22.27P	
Vivid	20ga 23ga 25ga	56.20P 56.20.23P 56.20.25P		56.20P 56.20.23P 56.20.25P	
Focal	20ga 23ga 25ga 27ga	56.02P 56.02.23P 56.02.25PS 56.02.27P		56.02P 56.02.23P 56.02.25PS 56.02.27P	56.02 56.02.23 56.02.25
Awh Vivid	25ga	56.54.25P		56.54.25P	
Oshima Vivid	27ga	56.54.27P		56.54.27P	
Awh	25ga	56.50.25P		56.50.25P	56.50.25
Oshima Dual	29ga	56.50.29P		56.50.29P	
Cannula System Compatible Alcon / Midlabs Bausch & Lomb Synergetics / DORC Reusable	25ga 25ga 23ga	56.51.25P 56.52.25P 56.53.23P		56.51.25P 56.52.25P 56.53.23P	
Standard	20ga 23ga 25ga	56.30P 56.30.23P 56.30.25P		56.30P 56.30.23P 56.30.25P	56.30
High-Flow	25ga	56.34.25P		56.34.25P	
Chow Membrane Pick	20ga 23ga 25ga	56.07.23P 56.07.25PS		56.07.23P 56.07.25PS	56.07
High-Flow Irrigating Endoilluminator	19ga				56.14
Illuminated Bipolar Cautery	25ga	56.00.25P		56.00.25P	
Aspirating Endoilluminator	23ga 25ga	56.24.23P 56.24.25P		56.24.23P 56.24.25P	
Microfiber Illuminated Vitrector Sleeve	20ga	56.61P		56.61P	
Microfiber Illuminated Vitrector	20ga	56.61PV		56.61PV	
Irrigating Illuminated Capone Pick	20ga	56.44P		56.44P	
Illuminated Capone/Rizzo Pick	23ga	56.45.23P		56.45.23P	
Illuminated Membrane Rake	23ga	56.46.23P		56.46.23P	

¹ Synergetics claims no trademark right in the listed names. Listed names of light sources may be trademarks of the following companies: Alcon Laboratories Inc., Bausch & Lomb Inc., D.O.R.C. International b.v., Geuder AG, and Oertli Instrumente AG.



PHOTON™

The Synergetics® PHOTON revolutionized illumination in vitreoretinal surgery. The PHOTON utilizes a sophisticated system of lenses and filters, combined with a Xenon bulb to provide high levels of illumination through microfibers™. This provides a superior viewing environment, without compromising patient safety.

Ordering Information

Description	Quantity	Catalog #
PHOTON™ Dual Port Light Source	Each	PHOTON-2X
PHOTON™ Single Port Light Source	Each	PHOTON-1X
Single Port Adapter (PHOTON™)	Each	PSPA

PHOTON™ II

PHOTON II features all the benefits of the original PHOTON but utilizes a Mercury Vapor bulb instead of a Xenon bulb and provides up to 2 times more illumination through a 300-micron fiber. PHOTON II provides a unique viewing environment, which some surgeons state improves contrast between intraocular structures.

Ordering Information

Description	Quantity	Catalog #
PHOTON™ II Dual Port Light Source	Each	P2-PHOTON-2X
PHOTON™ II Single Port Light Source	Each	P2-PHOTON-1X
Single Port Adapter (PHOTON™ II)	Each	PSPA-P2

WIDEFIELD ENDOILLUMINATORS [STERILE, 12/BOX OR STERILE, 6/BOX]



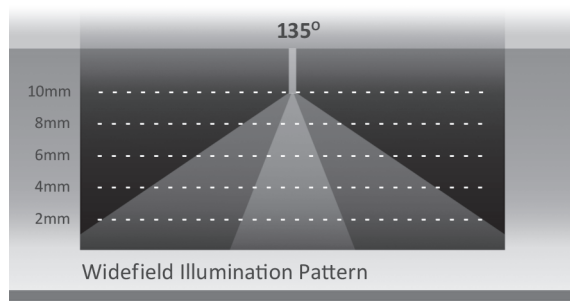
Widefield Diffusion

- Panoramic illumination with a focused center spot
- Available in all PHOTON™ configurations, VersaVIT™ and non-PHOTON™ configurations



Shielded Corona Widefield

- Shielded to control glare
- Available in all PHOTON™ configurations



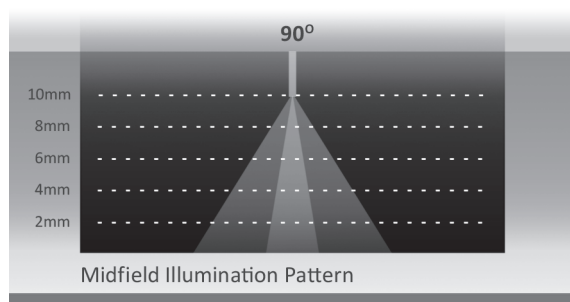
20ga	56.21P	56.21		56.12
23ga	56.21.23P	56.21.23	56.21.23P	
25ga	56.21.25PS		56.21.25P	56.21

MIDFIELD ENDOILLUMINATORS [STERILE, 12/BOX OR STERILE, 6/BOX]



Midfield

- Available in all PHOTON™ configurations



20ga	56.22P
23ga	56.22.23P
25ga	56.22.25P
27ga	56.22.27P

FOCAL ENDOILLUMINATORS [STERILE, 12/BOX OR STERILE, 6/BOX]



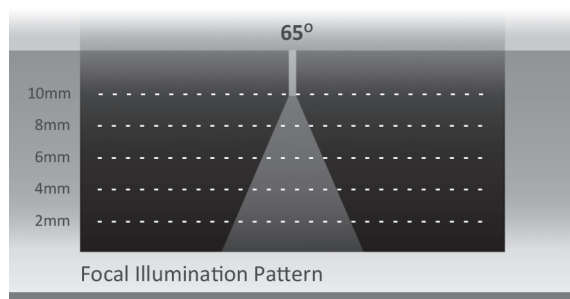
Vivid

- 3x brighter than a standard PHOTON™ endoilluminator
- Available in PHOTON™EX, PHOTON™2X and PHOTON™1X configurations
- Not available in PHOTON™II EX and P2-PHOTON™ configurations



Focal

- Available in all PHOTON™ configurations



20ga	56.20P	56.02P	56.02
23ga	56.20.23P	56.02.23P	56.02.23
25ga	56.20.25P	56.02.25PS	56.02.25
27ga		56.02.27P	

Refer to reference guide for catalog number information.

CHANDELIERS [STERILE, 12/BOX]



Awh Vivid

- Beveled cannula shaft for glare-free fluid-air exchange
- Adjustable fiber depth to optimize illumination
- Includes a pre-loaded trocar/cannula
- Available in all PHOTON™ configurations

25ga 56.54.25P



Oshima Vivid

- Adjustable fiber depth to optimize illumination
- Includes a pre-loaded trocar/cannula
- Available in all PHOTON™ configurations

27ga 56.54.27P



Awh

- Self-retaining
- Sutureless
- Available in all PHOTON™ and non-PHOTON™ configurations

25ga 56.50.25P / 56.50.25S



Oshima Dual

- Shadow-free chandelier illumination
- Adjustable fiber depth to optimize illumination
- Includes 2 pre-loaded trocar/cannulas
- Available in all PHOTON™

29ga 56.50.29P



Cannula System Compatible

- Refer to reference guide for cannula compatibility
- Available in all PHOTON™ configurations

25ga 56.52.25P

ILLUMINATED INFUSION CHANDELIERS [STERILE, 12/BOX]



Standard

- 20ga - Suture in
- 23ga and 25ga - Includes a pre-loaded trocar/cannula
- Available in all PHOTON™ and non-PHOTON™ configurations

20ga 56.30P / 56.30 23ga 56.30.23P 25ga 56.30.25P



High-Flow

- Includes a pre-loaded trocar/cannula
- Available in all PHOTON™ configurations

25ga 56.34.25P

MULTIFUNCTIONAL ILLUMINATION



Chow Membrane Pick

- Malleable tip allows for pick profile customization
- Available in all PHOTON™ configurations
- Sterile, 12/Box



2-Port Vitrectomy High-Flow Irrigating Endoilluminator

- Widefield illumination
- Available in a non-PHOTON™ configuration
- Sterile, 12/Box



Aspirating Light Pipe

- Improves bimanual surgical capabilities
- Reduces instrument exchanges
- Available in all PHOTON™ configurations
- Sterile, 12/Box



Microfiber Illuminated Vitrector Sleeve

- Converts a 25ga, Alcon vitrector to a 20ga, illuminated vitrector
- Available in all PHOTON™ configurations
- Sterile, 12/Box



Capone/Rizzo Pick

- Midfield light pattern
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON™ configurations
- Sterile, 6/Box



Illuminated Membrane Rake

- Midfield light pattern
- Identify and lift edge of epiretinal membranes
- Glare-free finish
- Available in all PHOTON™ configurations
- Sterile, 6/Box



Irrigating Illuminated Capone Pick

- Midfield light pattern
- Standard luer lock connection
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON™ configurations
- Sterile, 6/Box

ILLUMINATION ADAPTERS



Ordering Information

Synergetics® Adapter for use with:	Quantity	Catalog #
Oertli	Each	57.18
Geuder	Each	57.19
DORC Associate	Each	57.26
DORC Brightstar [PHOTON ¹]	Each	57.27
Alcon Constellation [PHOTON ¹]	Each	57.30
Bausch & Lomb Stellaris PC [PHOTON ¹]	Each	57.40

¹ For use with PHOTON™ (P) endoilluminators

Refer to reference guide for catalog number information.



Laser Probes

last updated 05.15

Talented surgeons want the best tools in the operating room, and Synergetics® consistently offers the high quality tools and products used by top retinal surgeons. Our laser probes are no exception. For years, we have offered the largest selection of laser probes on the market, establishing the Synergetics® brand as a leader in the industry. With our extensive line of high-performance laser probes, developed with years of experience and the guidance of retinal surgeons worldwide, Synergetics® continues the tradition of providing surgeons innovative surgical tools that meet infinite expectations.

		Laser Source ¹ to which Synergetics® Laser Probes will Connect:					
		Iridex GL / GLx / TX Iridex IO 532 / IO 577 Alcon Eyelite Alcon Purepoint Alcon Constellation B+L Millennium Ellex Solitaire		Quantel Vitra Quantel Supra		Lumenis	
LASER PROBES Sterile, 12/Box	Gauge Size	<i>Direct Connect</i>	<i>Direct Connect</i>	<i>SL532FF-5 Adapter Required</i>	<i>Direct Connect</i>	<i>SL532FF-8 Adapter Required</i>	<i>54.06 Adapter Required</i>
Directional™ II Laser Probe	20ga 23ga 25ga 27ga	55.27 55.27.23 55.27.25 55.27.27		55.27 55.27.23 55.27.25 55.27.27		55.27 55.27.23 55.27.25 55.27.27	55.27 55.27.23 55.27.25 55.27.27
Directional™ Laser Probe	20ga 23ga 25ga	55.26 55.26.23 55.26.25 55.26.25S	55.26.231 55.26.251	55.26 55.26.23 55.26.25 55.26.25S	55.26.23L 55.26.25L	55.26 55.26.23 55.26.25 55.26.25S	55.26 55.26.23 55.26.25 55.26.25S
Extendable Directional™ Laser Probe	20ga 23ga 25ga	55.26E 55.26.23E 55.26.25E		55.26E 55.26.23E 55.26.25E		55.26E 55.26.23E 55.26.25E	55.26E 55.26.23E 55.26.25E
Inverted Directional™ Laser Probe	20ga 23ga 25ga	55.36E 55.36.23E 55.36.25E	55.36.251E	55.36E 55.36.23E 55.36.25E		55.36E 55.36.23E 55.36.25E	55.36E 55.36.23E 55.36.25E
Straight Laser Probe	20ga 23ga 25ga 27ga	55.21 55.21.23 55.21.25S 55.21.27	55.21.231 55.21.251S	55.21 55.21.23 55.21.25S 55.21.27	55.21L	55.21 55.21.23 55.21.25S 55.21.27	55.21 55.21.23 55.21.25S 55.21.27
Curved Laser Probe, 15° Curve	20ga	55.08		55.08		55.08	55.08
Curved Laser Probe, 22° Curve	20ga	55.12		55.12		55.12	55.12
Flexible Tapered Laser Probe	23ga 25ga	55.25.23 55.25.25	55.25.231 55.25.251	55.25.23 55.25.25		55.25.23 55.25.25	55.25.23 55.25.25
TruCurve Curved Laser Probe, 37° Probe	20ga 23ga 25ga 27ga	55.23 55.23.23 55.23.25 55.23.27	55.231	55.23 55.23.23 55.23.25 55.23.27		55.23 55.23.23 55.23.25 55.23.27	55.23 55.23.23 55.23.25 55.23.27
Curved Fixed Extended Illuminated Laser Probe, 37° Curve²	20ga 23ga 25ga	55.69P 55.69.23P 55.69.25P		55.69P 55.69.23P 55.69.25P		55.69P 55.69.23P 55.69.25P	55.69P 55.69.23P 55.69.25P
Curved Fixed Extended Widefield Illuminated Laser Probe, 37° Curve²	20ga	55.63P		55.63P		55.63P	55.63P
Curved Illuminated Extendable Laser Probe, 37° Curve	20ga	55.49		55.49		55.49	55.49
Curved Maxillum™ Laser Probe, 37° Curve	20ga	55.29		55.29		55.29	55.29
Fixed Extended Illuminated Laser Probe²	23ga 25ga	55.62.23P 55.62.25P		55.62.23P 55.62.25P		55.62.23P 55.62.25P	55.62.23P 55.62.25P
Flexible Tapered Illuminated Laser Probe²	23ga 25ga	55.70.23P 55.70.25P		55.70.23P 55.70.25P		55.70.23P 55.70.25P	55.70.23P 55.70.25P
Illuminated Directional™ II Laser Probe²	23ga 25ga	55.48.23P 55.48.25P		55.48.23P 55.48.25P		55.48.23P 55.48.25P	55.48.23P 55.48.25P
Illuminated Directional™ Laser Probe³	20ga 23ga 25ga	55.47P 55.47.23P 55.47.25P		55.47P 55.47.23P 55.47.25P		55.47P 55.47.23P 55.47.25P	55.47P 55.47.23P 55.47.25P
Maxillum™ Illuminated Laser Probe	20ga	55.22		55.22		55.22	55.22

¹ Synergetics claims no trademark right in the listed names. Listed names of lasers may be trademarks of the following companies: Iridex Corporation, Alcon Laboratories Inc., Bausch & Lomb Inc., Ellex Medical Pty Ltd., Quantel Medical Inc. and Lumenis Ltd., HGM and Coherent.

² Requires the use of a PHOTON™, PHOTON™ II, PHOTON™ EX, PHOTON™ II EX Light Source or an illumination adapter for alternative light sources.

³ Requires the use of a PHOTON™ or PHOTON™ II or, for 20ga only, a PHOTON™ EX or PHOTON™ II EX Light Source.

DIRECTIONAL™ LASER PROBES [STERILE, 12/BOX]



Original

- Fixed fiber, moving shaft
- Fiber is directed away from actuation button
- Available in 20ga, 23ga and 25ga

20ga	55.26
23ga	55.26.23
25ga	55.26.25
	55.26.25S



Extendable

- Fixed shaft, moving fiber
- Fiber is directed away from actuation button
- Available in 20ga, 23ga and 25ga

20ga	55.26E
23ga	55.26.23E
25ga	55.26.25E



Inverted and Extendable

- Fixed shaft, moving fiber
- Fiber is directed toward actuation button
- Available in 20ga, 23ga and 25ga

20ga	55.36E
23ga	55.36.23E
25ga	55.36.25E



Directional™ II

- Fixed fiber, moving shaft
- Fiber is directed away from finger wheel
- Available in 20ga, 23ga, 25ga and 27ga

20ga	55.27
23ga	55.27.23
25ga	55.27.25
27ga	55.27.27

STRAIGHT LASER PROBES [STERILE, 12/BOX]

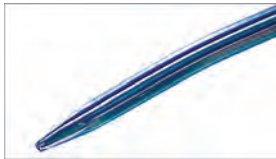


20ga	55.21
23ga	55.21.23
25ga	55.21.25
27ga	55.21.27

Straight

- Direct access to the treatment site
- Available in 20ga, 23ga, 25ga and 27ga

CURVED LASER PROBES [STERILE, 12/BOX]



15° Curve

- Stainless steel shaft
- Tapered tip for easy insertion into 20ga sclerotomies
- Available in 20ga

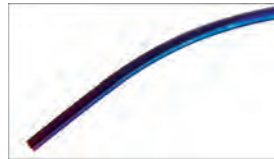
20ga	55.08
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22° Curve

- Stainless steel shaft
- Tapered tip for easy insertion into 20ga sclerotomies
- Available in 20ga

20ga	55.12
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Flexible Tapered

- Flexible nitinol tip for easy insertion into, and extraction from, cannulas
- Available in 23ga and 25ga

23ga	55.25.23
25ga	55.25.25



TruCurve

- Stainless steel shaft
- Degree of curvature varies from 25°–37°, depending on gauge size
- Available in 20ga, 23ga, 25ga and 27ga

20ga	55.23
23ga	55.23.23
25ga	55.23.25
27ga	55.23.27

Refer to reference guide for catalog number information.

ILLUMINATED LASER PROBES [STERILE, 12/BOX]



Illuminated Directional™

- Fixed fibers, moving shaft
- Fiber is directed away from actuation button
- Widefield light pattern
- Available in 20ga, 23ga and 25ga

20ga	55.47
23ga	55.47.23P
25ga	55.47.25P



Illuminated Directional™ II

- Fixed fibers, moving shaft
- Fibers are directed away from finger wheel
- Midfield light pattern
- Ergonomic Directional™ II handle
- Available in 23ga and 25ga

23ga	55.48.23P
25ga	55.48.25P



Flexible Tapered, Illuminated

- Flexible nitinol tip for easy insertion into, and extraction from, cannulas
- Midfield light pattern
- Available in 23ga and 25ga

23ga	55.70.23P
25ga	55.70.25P



Curved, Maxillum™, 37° Curve

- 6 illumination fibers provide shadow-free illumination
- Focused light pattern
- Available in 20ga

20ga	55.29
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Curved, Fixed Extended, 37° Curve

- 2.5 mm extension of laser fiber
- Focused light pattern
- Available in 20ga, 23ga and 25ga

20ga	55.69P
23ga	55.69.23P
25ga	55.69.25P



Curved, Fixed Extended, Widefield, 37° Curve

- 2.5 mm extension of laser fiber
- Widefield light pattern
- Available in 20ga

20ga	55.63P
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Curved, Extendable, 37° Curve

- Adjustable laser fiber extension from flush to 8mm
- Focused light pattern
- Available in 20ga

20ga	55.49
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Straight, Fixed Extended

- 2.5 mm extension of laser fiber
- Focused light pattern
- Available in 20ga, 23ga and 25ga

23ga	55.62.23P
25ga	55.62.25P



Straight, Maxillum™

- 6 illumination fibers provide shadow-free illumination
- Focused light pattern
- Available in 20ga

20ga	55.22
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Refer to reference guide for catalog number information.



Instrumentation

last updated 05.15

UNIVERSITY OF
FLORIDA

SCISSORS	Horizontal Scissors 1.3mm Blades 55°	20ga			23.25	23.05A		
	Horizontal Scissors 2.5mm Blades 55°	20ga			23.22	23.02A		
	Horizontal Scissors Curved	20ga 23ga 25ga	23.76PIN 23.76.23PIN 23.76.25PIN	D23.76 D23.76.23 D23.76.25				
	Horizontal Scissors Large Curved	20ga			23.21	23.01A		
	Horizontal Scissors Medium Curved	20ga 23ga 25ga			23.26 23.26.23 23.26.25	23.06A 23.06.23A 23.06.25A		
	Horizontal Scissors Small Curved	20ga			23.27	23.07A		
	Microserrated™ Horizontal Scissors Medium Curved	20ga 23ga 25ga			23.56 23.56.23 23.56.25			
	Morris Vertical Scissors	20ga 23ga 25ga	10.24PIN 10.24.23PIN 10.24.25PIN		10.24 10.24.23 10.24.25	10.04A 10.04.23A 10.04.25A		
	Straight Scissors	20ga 23ga			23.29 23.29.23	23.09A		
	Sweeper Scissors 1.7mm 55°	20ga			23.28			
	Tano Vertical Scissors	20ga			10.23	10.03A		
	Vertical Scissors	20ga			10.21	10.01A		
	Witherspoon Vertical Scissors	20ga			10.25	10.05A		
SUBRETINAL	Lambert Horizontal Subretinal Sweeper Scissors	20ga			23.24			
	Thomas Horizontal Subretinal Forceps	20ga			39.21	09.01A		
	Thomas Horizontal Subretinal Scissors 135°	20ga			23.23	23.03A		
	Thomas Vertical Subretinal Forceps	20ga			21.21	21.01A		
	Thomas Vertical Subretinal Scissors	20ga				24.01A		
SPECIALTY MYOPIC	Fine Tip Eckardt Forceps	23ga 25ga	09.10.23PIN-M 09.10.25PIN-M					
	Microserrated Tewari Omnicap Forceps	23ga 25ga	39.15.23PIN-M 39.15.25PIN-M					
	Chang IOL Forceps	20ga			11.27	11.07A		
ILLUMINATED	Illuminated End Gripping Forceps	20ga			34.22	34.02A		
	Illuminated Horizontal Scissors	20ga			35.22	35.02A		
	Illuminated Horizontal Scissors Small Curved	20ga			35.26	35.06A		
	Illuminated Micro Forceps	20ga			34.21	34.01A		
	Microserrated™ Illuminated End Gripping Forceps	20ga			64.22			

Disposable Options





Pinnacle 360°™

Pinnacle 360° is our line of fully disposable, hand-held retinal surgical instruments. As its name suggests, the Pinnacle 360° product line is at the top of its class in both quality and value. With Pinnacle 360°, surgeons can expect safe, consistent performance on every case.

Pinnacle 360° offers the widest variety of disposable tip options.

Additional benefits include:

- 360° actuation to approach the retina from any angle
- Ergonomic design to reduce fatigue
- Color coded handles for gauge identification

Available in 18ga, 19ga, 20ga, 23ga, 25ga and 27ga



Syntrifugal™ Handle and Disposable (D) Tip

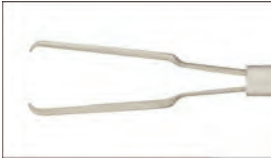
The Syntrifugal line provides surgeons with the best of both worlds — a reusable titanium handle with a disposable tip. Surgeons enjoy consistent tactile feel with the freedom to choose from a comprehensive selection of disposable tips.

Additional benefits include:

- Large and small handle options
- Handle design that allows the tip to rotate 360°

Disposable tips available in 20ga, 23ga, 25ga and 27ga.

ILM FORCEPS [STERILE, 5/BOX]



Fine Tip Eckardt

- Thinner tip than standard Eckardt provides better view and positioning with similar grasping characteristics
- Available in Pinnacle 360^o™ and Syntrifugal™ handle configurations
- Available in 23ga and 25ga

23ga	0910.23PIN	D3910.23
25ga	0910.25PIN	D3910.25



Eckardt

- Nail-like platforms and microserrations for precise, optimum grasping
- Available in Pinnacle 360^o™ and Syntrifugal™ handle configurations
- Available in 20ga, 23ga, 25ga and 27ga

20ga	30.08PIN	D39.08
23ga	30.08.23PIN	D39.08.23
25ga	30.08.25PIN	D39.08.25
27ga	30.08.27PIN	D39.08.27



Tano Asymmetrical

- Excellent for fine membranes and more aggressive membranes of diabetic retinopathy
- Available in Pinnacle 360^o™ and Syntrifugal™ handle configurations
- Available in 20ga, 23ga, 25ga and 27ga

20ga	09.04PIN	D09.04
23ga	39.03.23PIN	D39.03.23
25ga	39.03.25PIN	D39.03.25
27ga	39.03.27PIN	D39.03.27



End-Grasping

- Tweezer-like platforms suitable for pinch and peel technique
- Available in Pinnacle 360^o™ handle configuration
- Available in 20ga, 23ga and 25ga

20ga	09.12PIN	
23ga	09.12.23PIN	
25ga	09.12.25PIN	



Microserrated™ End-Grasping

- Thinner tip than the standard end-grasping provides better view and microserrations™ provide a superior grasping surface
- Available in Pinnacle 360^o™ handle configuration
- Available in 23ga and 25ga

23ga	39.03.12PIN	
25ga	39.03.12PIN	



Morris/Witherspoon Fullview ILM

- Curved bottom conforms to the epiretinal surface and small cutout offers unobstructed view
- Available in Syntrifugal™ handle configuration
- Available in 20ga and 25ga

20ga		D0940
25ga		D0940.25



Microserrated™ Snub Nosed

- Blunt tip profile, combined with tip cleavage, allows tissue to be engaged in a fashion analogous to two rolling pins moving toward each other
- Available in Pinnacle 360^o™ handle configuration
- Available in 23ga

23ga	39.18.23PIN	
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HEAVY MEMBRANE FORCEPS [STERILE, 5/BOX]



Pyramid Tip

- Pointed tip for fine grasping and a broad base for coarse grasping
- Available in Pinnacle 360^o™ and Syntrifugal™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	11.04PIN	
23ga	11.04.23PIN	
25ga	11.04.25PIN	



Serrated Jaw

- Blunt, atraumatic serrations prevent shredding tissue
- Available in Pinnacle 360^o™ handle configuration
- Available in 20ga, 23ga and 25ga

20ga	11.06PIN	
23ga	11.06.23PIN	
25ga	11.06.25PIN	



Apte Corset

- Wide platform allows for removal of membranes in a single maneuver without traumatizing the retina
- Available in Pinnacle 360^o™ handle configuration
- Available in 23ga and 25ga

23ga	39.07.23PIN	
25ga	39.07.25PIN	



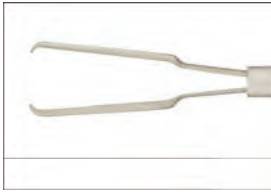
Microserrated™ Tewari Omnicap

- Fine enough for ILM work, but sturdy enough for ERM and PVR membranes
- Available in Pinnacle 360^o™ and Syntrifugal™ handle configurations
- Available in 23ga and 25ga

23ga	39.15.23PIN	D3915.23
25ga	39.15.25PIN	D3915.25

Refer to reference guide for catalog number information.

MYOPIC FORCEPS [STERILE, 5/BOX]



Fine Tip Eckardt

- Thinner tip than standard Eckardt provides better view and positioning with similar grasping characteristics
- Available in Pinnacle 360°™ handle configuration
- 37mm working length
- Available in 23ga and 25ga

23ga 09.10.23PIN-M
25ga 09.10.25PIN-M



Microserrated™ Tewari Omnicep

- Fine enough for ILM work, but sturdy enough for ERM and PVR membranes
- Available in Pinnacle 360°™ handle configuration
- 37mm working length
- Available in 23ga and 25ga

23ga 39.15.23PIN-M
25ga 39.15.25PIN-M

FOREIGN BODY [STERILE, 5/BOX]



Joseph/Meredith BB Removal

- Specifically designed for grasping all standard BBs without slippage up to 4.5 mm
- Available in Pinnacle 360°™ handle configuration
- Available in 18ga

18ga 11.40PIN



Forceps

- Jaws excellent for grasping large, irregularly shaped foreign bodies
- Available in Pinnacle 360°™ handle configuration
- Available in 19ga

19ga 11.20PIN



Magnet

- Designed for removal of iron or steel foreign bodies
- Available in Pinnacle 360°™ handle configuration
- Available in 18ga

18ga 11.21PIN

PICK FORCEPS [STERILE, 5/BOX]



Ducournau Serrated

- Unique tip provides pick/serrated jaw for superior membrane removal
- Available in Syntrifugal™ handle configuration
- Available in 20ga

20ga D29.02
23ga



Pick

- Great gripping platform and superior functionality with integrated pick
- Available in Pinnacle 360°™ handle configuration
- Available in 20ga, 23ga and 25ga

20ga D29.02
23ga



Horizontal Curved

- Curved back to minimize "heeling in" - safe on surface of retina
- Available in Pinnacle 360°™ and Syntrifugal™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga 23.76PIN D23.76
23ga 23.76.23PIN
25ga 23.76.25PIN



Vertical

- Curved heel minimizes inadvertent contact with retina and conforms to eye
- Available in Pinnacle 360°™ handle configuration
- Available in 20ga, 23ga and 25ga

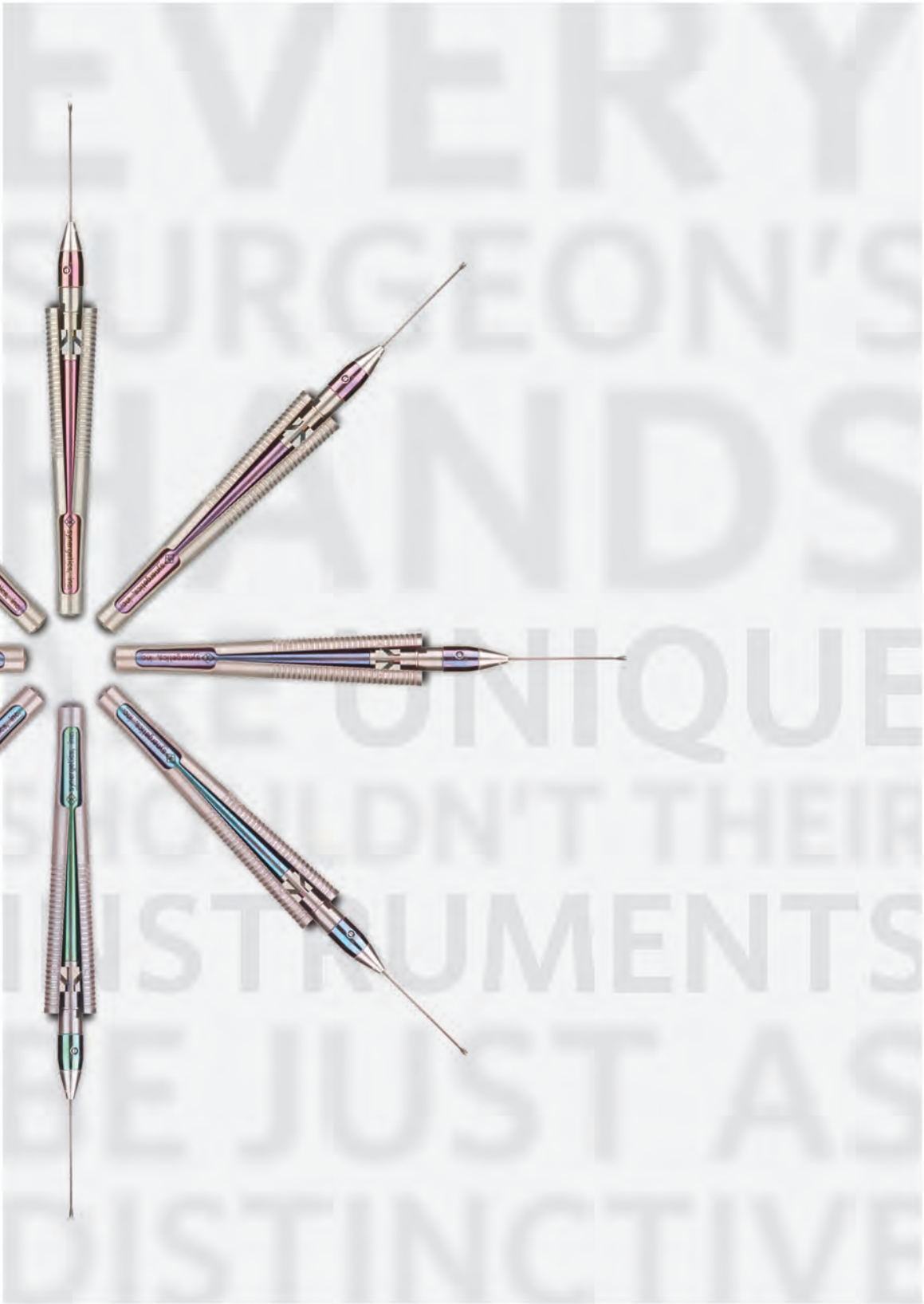
20ga 10.24PIN
23ga 10.24.23PIN
25ga 10.24.25PIN

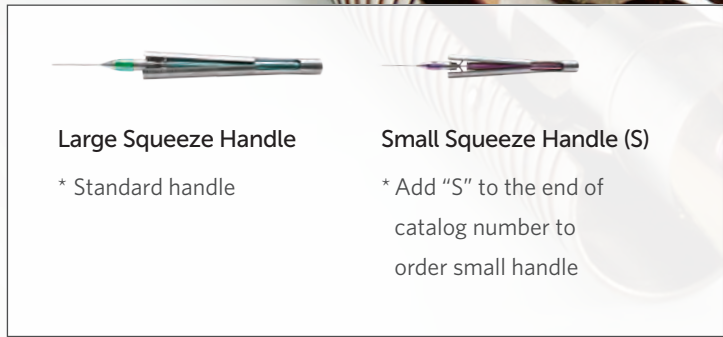
SCISSORS [STERILE, 5/BOX]



SCISSORS [STERILE, 5/BOX]

Refer to reference guide for catalog number information.





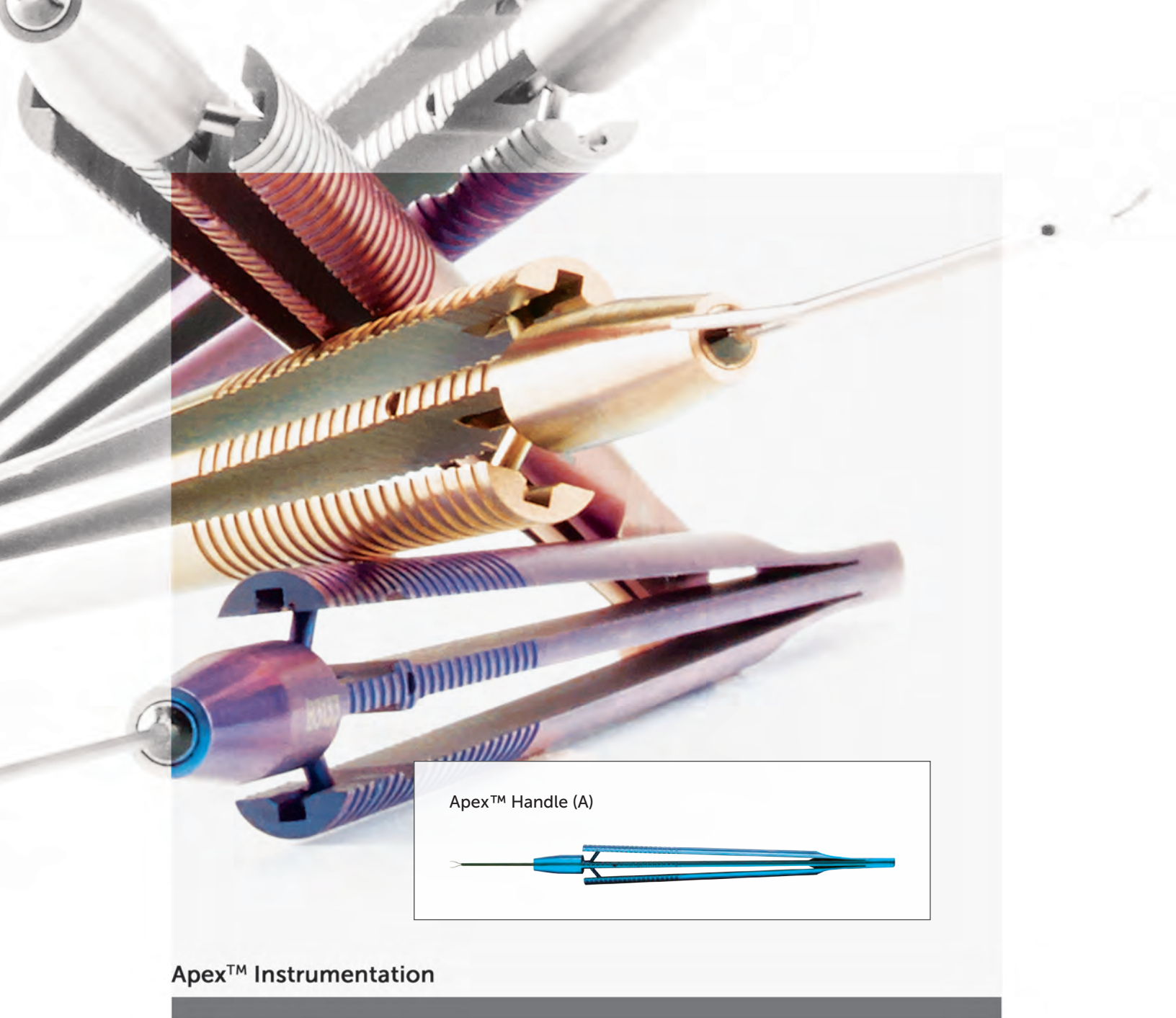
Premium Instrumentation

Our fully reusable Premium line delivers unparalleled consistency and performance. Surgeons enjoy the familiar comfort and reliability of working with the same superior set of tools on every case.

Additional benefits include:

- Large and small handle options
- Blackened stainless steel tips to reduce glare
- Etched serial numbers for quick and easy identification
- Linear closure
- Microserrations™ offered for select tip styles

Tips available in 18ga, 19ga, 20ga, 23ga and 25ga.



Apex™ Handle (A)



Apex™ Instrumentation

Our Apex line is an excellent option for surgeons who prefer the benefits of reusable instrumentation, but at a more conservative price point. Apex instruments provide surgeons with a single-piece titanium handle and access to our comprehensive line of reusable tips at a lower cost than our Premium line.

Additional benefits include:

- Solid, one-piece, titanium handle design
- Etched serial numbers for quick and easy identification
- Linear closure

Tips available in 20ga, 23ga and 25ga.

ILM FORCEPS



Fine Tip Eckardt

- Thinner tip than standard Eckardt provides better view with similar grasping characteristics
- Available in Premium and Apex™ handle configurations
- Available in 23ga and 25ga

23ga	0910.23	0910.23A
25ga	0910.25	0910.23A



Eckardt

- Nail-like platforms and microserrations for precise, optimum grasping; excellent for ILM pinch and peel technique
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	30.28	09.08A
23ga	30.28.23	09.08.23A
25ga	30.28.25	09.08.25A



Tano Asymmetrical Micro

- Excellent for fine membranes and more aggressive membranes of diabetic retinopathy
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	39.23	09.03A
23ga	39.23.23	09.03.23A
25ga	39.23.25	09.03.25A



Tano Asymmetrical Peeling

- Larger jaws minimize shredding
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	39.24	09.04A
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Morris/Witherspoon Fullview ILM

- Curved bottom conforms to the epiretinal surface
- Available in Premium and Apex™ handle configurations
- Available in 20ga and 25ga

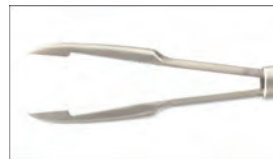
20ga	09.50	09.50A
25ga	09.50.25	09.50.25A



Pincer End Grasping

- Precise grasping while providing optimum viewing
- Available in Premium and Apex™ handle configurations
- Available in 20ga and 23ga

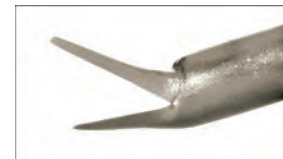
20ga	11.28	11.08A
23ga	11.28.23	11.08.23A



Pointed Micro

- Ultra-fine pointed tips are ideal for stripping delicate membranes
- Available in Premium and Apex™ handle configurations
- Available in 20ga and 23ga

20ga	11.23	11.03A
23ga	11.23.23	11.03.23A



Lambert ILM

- No platforms at tips allow grasping force to be spread over entire length of jaws, eliminating localized pressure and membrane shredding
- Available in Premium handle configuration
- Available in 20ga

20ga	09.26	
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HEAVY MEMBRANE FORCEPS



End Gripping

- Broad platforms useful on all types of membranes
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	11.21	11.01A
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Pyramid Tip

- Pointed tip for fine grasping and a broad base for coarse grasping
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	11.24	11.04A
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Serrated Jaw

- Blunt, atraumatic serrations prevent shredding tissue
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	11.26	11.06A
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Refer to reference guide for catalog number information.

DUAL PURPOSE FORCEPS FOREIGN BODY



Apte Corset

- Wide platform allows for removal of membranes in a single maneuver without traumatizing the retina
- Available in Premium and Apex™ handle configurations
- Available in 23ga and 25ga

23ga	39.27.23	09.07.23A
25ga	39.27.25	09.07.25A



Joseph/Meredith BB Removal

- Specifically designed for grasping all standard BBs without slippage
- Available in Premium handle configuration
- Available in 18ga

18ga	11.40
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Foreign Body

- Jaws excellent for grasping large, irregularly shaped foreign bodies
- Available in Premium handle configuration
- Available in 18ga

18ga	11.20
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Magnet

- Designed for removal of iron or steel foreign bodies
- Will pick up a steel ball up to 16mm in diameter
- Available in Premium handle configuration
- Available in 19ga

19ga	12.21
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PICK FORCEPS



De Juan / Tano Serrated Pick

- Effective at lifting and peeling large membranes
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	11.22	11.02A
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Ducournau Serrated

- Unique tip provides pick/serrated jaw for superior membrane removal
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	29.22	29.02A
23ga	29.22.23	29.02.23A



Pick

- Great gripping platform and superior functionality with integrated pick
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	09.25	09.05A
23ga	09.25.23	09.05.23A
25ga	09.25.25	09.05.25A



Vertical Forceps

- Dual function use as a forceps and spatula
- Available in Premium handle configuration
- Available in 23ga

23ga	11.41.23
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SCISSORS



Horizontal 1.3mm Blades 55°

- Two moving blades minimize tissue expulsion at an optimal angle for membrane stripping and delamination
- Available in Premium and Apex™ handle configurations
- Available in 20ga



Horizontal 2.5mm Blades 55°

- Two moving blades minimize tissue expulsion at an optimal angle for membrane stripping and delamination
- Available in Premium and Apex™ handle configurations
- Available in 20ga



Horizontal Large Curved

- Optimal curve for epiretinal membrane delamination
- Available in Premium and Apex™ handle configurations
- Available in 20ga



Horizontal Medium Curved

- Curved back to minimize "healing in" - safe on surface of retina
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

Refer to reference guide for catalog number information.

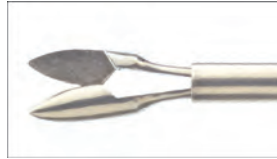
SCISSORS (cont.)



Microserrated™ Horizontal Scissors Medium Curved

- Microserrations secure membrane during cutting to reduce expulsions
- Available in Premium handle configuration
- Available in 20ga, 23ga and 25ga

20ga	23.56	
23ga	23.56.23	
25ga	23.56.25	



Horizontal Small Curved

- Smaller curve size makes it excellent for the anterior periphery during PVR
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	23.27	23.07A
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Morris Vertical

- Curved heel minimizes inadvertent contact with retina and conforms to eye
- Available in Premium and Apex™ handle configurations
- Available in 20ga, 23ga and 25ga

20ga	10.24	10.04A
23ga	10.24.23	10.04.23A
25ga	10.24.25	10.04.25A



Straight

- Ideally suited for releasing traction on severe retinal folds from the opposite side
- Available in Premium and Apex™ handle configurations
- Available in 20ga and 23ga

20ga	23.29	23.09A
23ga	23.29.23	



Sweeper 1.7mm 55°

- Single moving sweeping blade at an optimum angle for epiretinal membrane stripping
- Available in Premium handle configuration
- Available in 20ga

20ga	23.28	
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Tano Vertical

- Profile allows for better segmentation performance
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	10.23	10.03A
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Vertical

- Classic vertical scissors for segmentation of PDR and PVR membranes
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	10.21	10.01A
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Witherspoon Vertical

- Unique blade configuration allows membrane to remain on lower blade when cutting, eliminating repeat capturing of membrane
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga	10.25	10.05A
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Refer to reference guide for catalog number information.

SUBRETINAL INSTRUMENTS



Thomas Horizontal Forceps

- Enhanced gripping with horizontal profile to minimize subretinal trauma
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 39.21 09.01A



Thomas Vertical Forceps

- Effective in subfoveal nets post laser treatment
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 21.21 21.01A



Thomas Horizontal Scissors 135°

- Blades move toward the center for better control with minimal tissue expulsion
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 23.23 23.03A



Thomas Vertical Scissors

- Single moving blade minimizes retinotomy enlargement
- Available in Apex™ handle configuration
- Available in 20ga

20ga 24.01A



Lambert Horizontal Sweeper Scissors

- Single moving blade minimizes retinotomy enlargement
- Available in Premium handle configuration
- Available in 20ga

20ga 23.24

ILLUMINATED INSTRUMENTS



Illuminated End Gripping Forceps

- Features large grasping platforms to prevent shredding of tissue
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 34.23 34.02A



Illuminated Microserrated™ End Gripping Forceps

- Microserrations ensure maximum grasping
- Available in Premium handle configuration
- Available in 20ga

20ga 64.22



Illuminated Micro Forceps

- Pointed, fine platform tips for ultimate visibility
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 34.21 34.01A



Illuminated Horizontal Scissors

- Curved back to minimize "healing in" — safe on surface of retina
- Available in straight and small curved
- Available in Premium and Apex™ handle configurations
- Available in 20ga

20ga 35.22 35.02A

Refer to reference guide for catalog number information.

SCLERAL MARKERS



Awh Sutureless

- 51.20
- Marked at 3mm and 4mm



Awh

- 51.35
- Marked at 3mm and 4mm



Awh Horseshoe

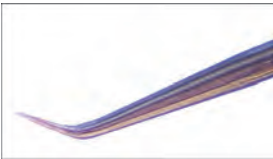
- 51.45
- Marked at 3mm and 4mm
- Specifically designed to stabilize cannula



Chow

- 51.25
- Marked at 3mm and 4mm

REUSABLE PICKS AND SPATULAS



Rice ILM Elevator 127°

- 20.02, 20.02.23 and 20.02.25
- 42ga
- .10mm at tip
- Available in 20ga, 23ga and 25ga



Awh Serrated Pick 135°

- 20.41, 20.41.23 and 20.41.25
- 30ga
- .30mm at tip
- Available in 20ga, 23ga and 25ga



Michels' Hook 90°

- 28.21
- 36ga
- .20mm at tip
- Available in 20ga



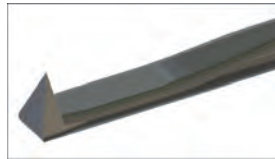
Thomas Hyloid Lifter

- 20.03
- 42ga
- .10mm at tip
- Available in 20ga



Shiraga Pick, 110°

- 20.31
- 33ga
- .20mm at tip
- Available in 20ga



Membrane Pick 110°, 130°, 150°

- 28.01, 28.02 and 28.03
- 27ga
- .41mm at tip
- Available in 20ga



Morris Pick

- 20.51
- 33ga
- .20mm at tip
- Available in 20ga



Membrane Peeler, Spherical Tip 110°

- 28.04
- 30ga
- .30mm at tip
- Available in 20ga



Thomas Subretinal Perforator/Spatula 36ga 131°

- 20.01
- 36ga
- .10mm at distal tip
- Available in 20ga



Irrigating Spatula 120°

- 28.30
- 24ga
- .55mm at tip
- Available in 20ga



Thomas Blunt 36ga Subretinal Perforator Spatula 131°

- 20.30
- 36ga
- .20mm at tip
- Available in 20ga



Michels' Spatula 90°

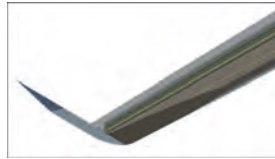
- 28.22
- 22ga
- .71mm at tip
- Available in 20ga

REUSABLE PICKS AND SPATULAS (Cont.)



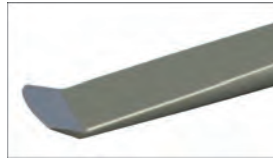
Lewis 33ga Subretinal Perforator 90°

- 26.01
- 36ga
- .20mm at tip
- Available in 20ga



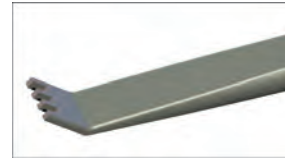
Lewis 33ga Subretinal Perforator 135°

- 27.01
- 36ga
- .20mm at tip
- Available in 20ga



Rounded Tip Spatula 140°

- 28.07
- Available in 20ga



Membrane Rake, Flat Tip 140°

- 28.05 and 28.06
- Available in flat or curved tip
- Available in 20ga

REUSABLE CANNULAS AND NEEDLES



Reflux Handle

- 31.00
- For use with products 30.01-30.09 and 30.76



Blunt Extrusion Needle

- 30.01
- Available in 20ga



Tapered Blunt Extrusion Needle

- 30.02
- Tapers to 27ga
- .40mm tip
- Available in 20ga



Brush Cannula Tip, Straight

- 30.06
- Available in 20ga



Brush Cannula Tip, Curved

- 30.07
- Available in 20ga



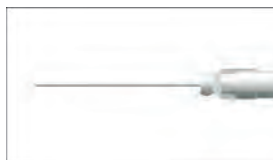
Soft Tip Cannula

- 30.08
- Available in 20ga



Resnick Subretinal Fluid Drainage Needle

- 30.09
- 25ga
- 2.5mm long 1mm bevel
- Available in 25ga



Metal Locking Luer-Hub Needle

- With products in this section



Replacement Reflux Reservoir

- 31.01 — 2/box, 31.02 — 10/box

REUSABLE CANNULAS AND NEEDLES (Cont.)



Autoclavable Handle with Slide



Universal Soft Tip Needle

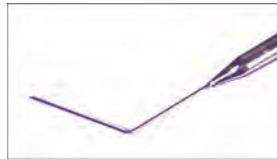
- 30.10 and 30.10.23
- Available in 20ga and 23ga
- 6/box

DISPOSABLE CANNULAS AND NEEDLES



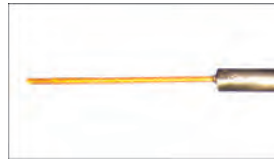
Rigid Micro Injection Cannula, Straight

- 12.02 and 12.03
- .10mm at tip
- Black, disposable handle
- Available in 20ga
- 5/box



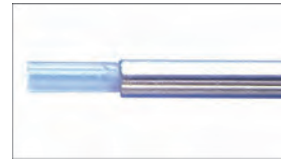
Rigid Micro Injection Cannula, Angled

- 12.12 and 12.13
- .10mm at tip
- Black, disposable handle
- Available in 20ga
- 5/box



De Juan/Awh Subretinal Injection

- 12.03.25
- 41ga tip
- .10mm at tip
- Available in 25ga
- 5/box



Soft Tip Cannula

- 30.08.23, 30.08.25 and 30.08.27
- Available in 23ga, 25ga and 27ga
- 6/box



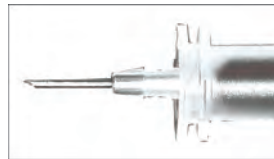
Slotted Soft Tip Cannula

- 30.18.23 and 30.18.25
- Available in 23ga and 25ga
- 6/box



Vitreoretinal Soft Tip

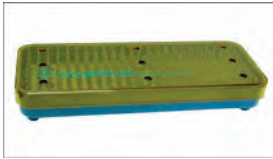
- 30.76
- For use with 31.00 handle
- 31mm tubing length
- 3mm flexible silicone
- Available in 20ga
- 10/box



Transconjunctival Chow Silicone Oil Injection Cannula

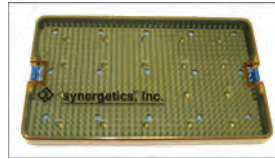
- 30.80.25
- Available in 25ga
- 6/box

INSTRUMENT TRAYS



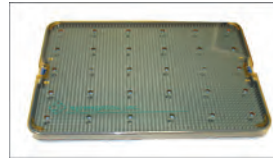
Small

- 28.25
- 6" x 2" x .75"
- 15.2cm x 5.1cm x 1.9cm
- Holds 2 picks or 1 instrument



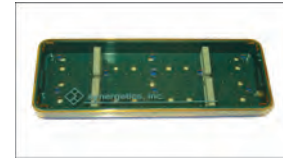
Medium

- 23102
- 10" x 6" x .75"
- 25.4cm x 15.2cm x 1.9cm
- Holds 10 picks or 6 instruments



Large

- 23101
- 15" x 10" x .75"
- 38.1cm x 25.4cm x 1.9cm
- Holds 25 instruments



Diamond Knife

- 23103
- 7.5" x 2.6" x .75"
- 19.1cm x 3.8cm x 1.9cm
- Holds 1 diamond knife

All Synergetics® tip protectors are autoclavable and will protect your instrument during storage and sterilization.

TIP PROTECTORS



Tip Protector, Handled Cannula

- 34.70
- Fits Synergetics® reusable handled cannula



Tip Protector, Handled Picks

- 34.71
- Fits Synergetics® handled picks



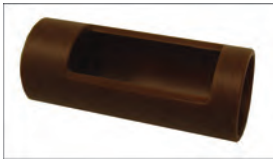
Tip Protector for Picks, Rakes and Spatulas

- 34.72
- Fits Synergetics® handled picks



Tip Protector, Split, Universal

- 34.74
- Fits Synergetics® Large and Small Squeeze handles



Tip Protector, MPC

- 34.75
- Large design to fit and protect MPC



Tip Protector, DORC

- 34.76
- Replacement tip protector for your DORC instruments



Tip Protector, Grieshaber (Alcon)

- 34.77
- Replacement tip protector for your Grieshaber instruments



Tip Protector, Apex™

- 34.78
- Doubles as cleaning luer and tip protector for the APEX™ handle

LUERS AND PLUGS



Cleaning Luer

- 34.80
- For Synergetics® premium instruments

SYNERGETICS® REPAIR SERVICE

For ophthalmic instrument repairs, call our Synergetics® specialist to obtain an RMA number. Our outstanding service department offers repair service for a wide array of surgical instrumentation.

For more information or repair service, please call 636-794-5052

For after-hours emergency service, please call 800-727-6771



Special Products

last updated 05.15





I-PACK™

Synergetics® has packaged everything you need for office injections into one complete, sterilized I-PACK. The I-PACK will save you hours of ordering time, reduce and organize your inventory, and reduce preparation time since everything you need is conveniently packaged together. The handy plastic tray also serves as a reservoir that you can use for your povidone-iodine solution. Simply pour the solution into the compartment with the speculum, where it can be used for both your speculum and for dipping cotton swabs. The two additional compartments can be used for discarded vials, swabs, and needles, making cleanup quick and easy.

Benefits:

- **SAVE ORDERING TIME:** Affordable, one-stop, quick ordering for all of your office injection requirements.
- **CONTROL INVENTORY:** With only the I-PACK to monitor, keeping track of inventory has never been so easy.
- **REDUCE PREPARATION TIME:** No more fumbling around, trying to locate misplaced speculums. Everything you need is contained in a ready-to-use, seal-tight, sterile package.

I-PACK™ [STERILE, 10/BOX]



Ordering Information

18060 Components

- 1mL Tuberculin Syringe
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 1 27ga 1/2" Needle
- 2 18ga 1" Needles
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18061 Components

- 2 1mL Tuberculin Syringes
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 1 27ga 1/2" Needle
- 2 18ga 1" Needles
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
- 1 Eye Drape (16" x 16")

18063 Components

- 2 1mL Tuberculin Syringes
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 1 27ga 1/2" Needle
- 2 18ga 1" Needles
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
- 1 Disposable Forceps, 4"
- 4 4"x 4" Gauze Pads

18064 Components

- 2 1mL Tuberculin Syringes
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 1 27ga 1/2" Needle
- 2 18ga 1" Needles
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
- 1 Eye Drape (16" x 16")
- 1 Disposable Forceps, 4"
- 4 4"x 4" Gauze Pads

18066 Components

- 2 1mL Tuberculin Syringes
- 1 Pair Diamond Edge High Grip Gloves
- 1 30ga 1/2" Needle
- 1 27ga 1/2" Needle
- 2 18ga 1" Needles
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18067 Components

- 1 30ga 1/2" Needle
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18069 Components

- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 6 Cotton Swabs 6"
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18069W Components

- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2" Needle
- 6 Cotton Swabs 6"
- 1 Wire Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

KNIVES [STERILE, 5/BOX]



Opemcak BRVO

- 52.00
- Super-thin knife, perfect for sheathotomy
- Available in 20ga



Opemcak CRVO

- 52.20
- Ideal for relaxing scleral ring, cribriform plate, and sclera of optic disk during radial optic neurotomy
- Available in 20ga

IRIS RETRACTORS



Disposable

- 40.02-2 and 40.02-6
- 5 retractors/set in case one is lost or damaged
- Sterile, 2/box or Sterile, 6/box configurations

VISCO DISSECTOR



Hubbard Visco Dissector

- 12.06.25
- Injects viscoelastic for delaminating large membranes from the retina
- Available in 25ga (28ga tip)
- Sterile, 6/Box

DISPOSABLE LENSES [STERILE, 10/BOX]



Flat

- VFD
- Field of view: 36°
- Image magnification: 1.0x



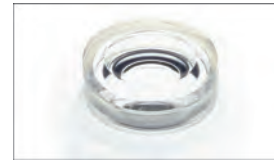
Bi-Concave

- VBCE
- Field of view: 25°
- Image magnification: 0.8x



Magnifying

- VMD
- Field of view: 30°
- Image magnification: 1.5x



Widefield

- VVFD
- Field of view: 48°
- Image magnification: 0.5x



30° Prism

- V30PD
- Field of view: 33° (offset 30°)
- Image magnification: 1.0x



Flat, SSV

- VFLATSSVD
- Field of view: 30°
- Image magnification: .92x



Ordering Information

Description	Gauge	Catalog #
23ga Stealth Port Entry System, 3mm, Valved	23ga	58.23-3MMV
23ga Stealth Port Entry System, 3mm	23ga	58.23-3MM
20/23ga Infusing Instrument Cannula System	20/23ga	58.2023-3MM
Vertical Forceps, Reusable	23ga	11.41.23
Vertical Scissors	23ga	10.24.23PIN
Microserrated™ Snub Nosed Forceps	23ga	39.18.23PIN
Illuminated Capone/Rizzo Pick	23ga	56.45.23P
Illuminated Membrane Rake	23ga	56.46.23P
Irrigating Trese Spatula	23ga	D28.30.23
Irrigating Trese Spatula, Reusable	23ga	28.30.23
Irrigating Spatula, Reusable	20ga	28.30
Widefield High Flow End Irrigator	19ga	56.14
Irrigating Illuminated Capone Pick	20ga	56.44P
Three-Way Infusion Tubing Set		16579

Pediatric Instrumentation

Pediatric vitreoretinal disorders provide unique challenges for the retina specialist. To address these challenges, surgeons are currently asked to use instrumentation designed for adult eyes. Unfortunately, this one size fits all approach is not always efficient in achieving the best possible outcome. Synergetics® partnered with Drs. Antonio Capone, Jr., Kimberly Drenser, and Michael Trese of Detroit, Michigan, to help fill this void in the market. Numerous design variables were considered, including gauge size, illumination, irrigation, intra-ocular access, and dissection. The versatility of 23ga was selected, as it provides access to small dissection spaces in the far periphery while also allowing for the robust instrumentation that is needed for the dense, proliferative tissue associated with many pediatric diseases.

Multifunctional illumination, novel forceps, and port entry systems for two and three port approaches are now available (reference table above).

STEALTH PORT ENTRY SYSTEM [STERILE, 6/BOX]



Stealth Port Entry System

- 58.23-3MM
- 3mm shaft length
- Stainless steel cannulas
- Available in 23ga
- 58.23-3MMV
- 3mm shaft length
- Stainless steel cannulas with removable valve cap
- Available in 23ga and 25ga



Infusing Instrument Cannulas

- 58.2023-3MM
- 3mm shaft length
- Stainless steel cannulas
- Allows for two port PPV via 20ga sclerotomy and 23ga instrumentation

VERTICAL FORCEPS



Vertical Forceps

- 11.41.23
- Dual function use as a forceps and spatula
- Available in reusable Premium handle configuration
- Available in 23ga

ILM FORCEPS [STERILE, 5/BOX]



Microserrated™ Snub Nosed

- 39.18.23PIN
- Blunt tip profile, combined with tip cleavage, allows tissue to be engaged in a fashion analogous to two rolling pins moving toward each other
- Available in disposable Pinnacle 360°™ handle configuration
- Available in 23ga

MULTIFUNCTIONAL ILLUMINATION [STERILE, 6/BOX, UNLESS NOTED]



Capone/Rizzo Pick

- 56.45.23P
- Midfield light pattern
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON™ configurations
- Available in 23ga



Illuminated Membrane Rake

- 56.46.23P
- Midfield light pattern
- Identify and lift edge of epiretinal membranes
- Glare-free finish
- Available in all PHOTON™ configurations
- Available in 23ga



2-Port Vitrectomy High-Flow Irrigating Endoilluminator

- 56.14
- Widefield illumination
- Available in non-PHOTON™ configuration
- Sterile, 12/Box
- Available in 20ga



Irrigating Illuminated Capone Pick

- 56.44P
- Midfield light pattern
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON™ configurations
- Available in 20ga

IRRIGATING SPATULAS



Irrigating Spatula, 120°

- 28.30
- 24ga (.55mm) at tip
- .55mm at tip
- Reusable
- Available in 20ga



Irrigating Trese Spatula

- 28.30.23
- Hand-crafted tip geometry is ideal for dissection
- Glare-free finish
- Standard luer lock connection
- Reusable
- Non-cannula compatible design allows for a longer platform
- Available in 23ga



Irrigating Trese Spatula

- D28.30.23
- Cannula compatible design allows for dissection without the need for scleral sutures
- Glare free finish
- Standard luer lock connection
- Sterile, single use, 6/Box
- Available in 23ga



Vertical

- 10.24.23PIN
- Curved heel minimizes inadvertent contact with retina and conforms to eye
- Available in disposable Pinnacle 360°™ handle configuration
- Available in 20ga, 23ga and 25ga

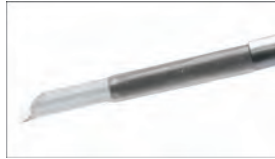
SCISSORS [STERILE, 5/BOX]

DDMS™ Diamond Dusted Membrane Scrapers



Tano

- 20.04, 20.04.23 and 20.04.255
- Available in 20ga, 23ga and 25ga
- 5/Box



Stiff Tano

- 20.07
- Available in 20ga
- 5/Box



Retractable Tano

- 20.16, 20.16.23 and 20.16.25
- Available in 20ga, 23ga and 25ga
- 20ga — 3/Box,
23ga and 25ga — 5/Box



Adjustable Tano with Pick

- 20.18
- Available in 20ga
- 3/Box

DISPOSABLE INFUSION CANNULAS



High Pressure Rated 4mm Tip

- 30.41
- High pressure rated up to 100psi injection pressure
- Available in 20ga
- Sterile, 5/box
- Für Silikonöl geeignet



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