

PORTFOLIO

THE COMPREHENSIVE PORTFOLIO YOU NEED SURGICAL INSTRUMENTS AND DEVICES YOU TRUST



Every day, surgical teams meet patients when they're most vulnerable and are tasked with changing their lives. The responsibility of improving patients' health is in their capable hands. But who provides the high-quality and trusted tools that are at their fingertips? Who provides the surgical service line with innovative solutions to improve their operational efficiency, cost and quality?



The Symmetry Surgical Portfolio dates back to 1838 when Thomas Codman founded a surgical instrument business. It has evolved to one of the largest German-crafted surgical instrument and innovative surgical device portfolios in the healthcare industry and extends to every specialty and site of care with the brands surgeons trust most.

Wherever surgeries are performed, surgical teams know Symmetry Surgical's instruments and devices will allow them to operate with the highest efficiency and safety.

They feel they are using tools that function as an extension of themselves.

With Symmetry Surgical, they are Elevating Surgery for Life.







PORTFOLIO PILLARS

WARRANTIES

We provide a lifetime warranty on materials and workmanship.

TRUSTED BRANDS

Our rich portfolio includes premier brands such as Bovie, Greenberg, Bookwalter, Classic, Classic Plus, Karlin, Olsen and more.



HISTORY

Since 1838 when Thomas Codman founded his surgical instrument business, the Symmetry Surgical Portfolio has evolved to include trusted brands and innovative surgical devices and solutions.

QUALITY & CRAFSTMANSHIP

Our European headquarters in Tuttlingen, Germany, is home to high-quality instrument craftsmanship and surgical instrument manufacturing.

PORTFOLIO BREADTH & DEPTH

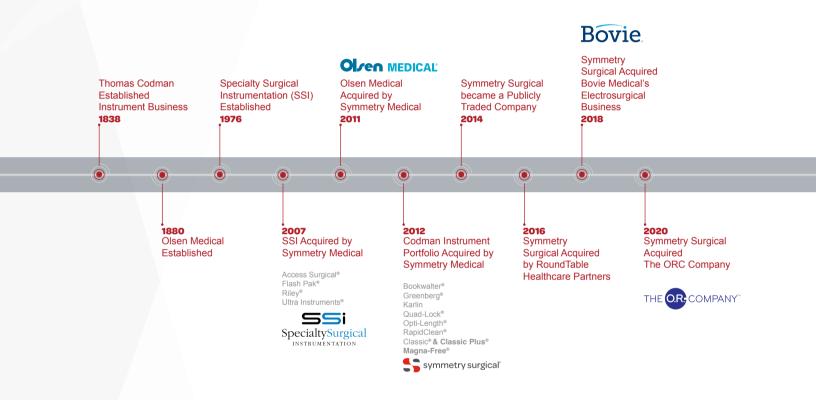
Symmetry Surgical's comprehensive portfolio of more than 26,000 instruments and devices extends across all surgical specialties and sites of care.

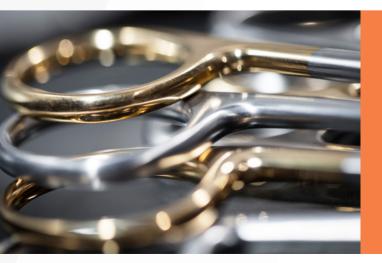




It all began with Thomas Codman in 1838.

The Symmetry Surgical Portfolio dates to 1838 when Thomas Codman launched a high-quality surgical instrument business. After years of evolution and collaboration with clinicians, Symmetry Surgical represents a rich portfolio of innovative surgical instruments, devices and solutions that reaches 120 countries worldwide.





QUALITY & CRAFSTMANSHIP ()

We take pride in our instruments' high-quality craftsmanship.

The craftsmanship embodied in our instrumentation has stood the test of test of time for generations. At Symmetry Surgical, our European headquarters in Tuttlingen, Germany, is home to high-quality instrumentation and has been known for the finest surgical instrument manufacturing in the world. Our instruments meet the highest standards of craftsmanship and our steel and titanium conform to German and U.S. standards.

PORTFOLIO BREADTH & DEPTH



Find our instruments and devices in every specialty and site of care.

With a comprehensive portfolio of more than 26,000 instruments across all surgical specialties and sites of care¹, we have the breadth and depth of surgical instruments and solutions that serve the unique needs of each surgeon and procedure. The Symmetry Surgical portfolio is organized into three primary business segments: Instruments & Solutions; Electrosurgery Solutions; Minimally Invasive Surgery.



TRUSTED BRANDS



What is in a name? Quality. Dependability. Innovation. Trust.

At Symmetry Surgical, we are home to the most trusted brands in surgery including Bovie, Greenberg, Bookwalter, Classic, Classic Plus, Greenberg, Karlin, Olsen, and more. From the Bookwalter Magrina, to the Bovie, Orca, the Symmetry Surgical portfolio of brands are synonymous with durability, quality, precision and safety.



WARRANTIES



We stand by our products.

The Symmetry Surgical Warranties are industry leading and reflect our confidence in our products. At Symmetry Surgical, we are confident in the portfolio's high-quality instrumentation and provide a lifetime warranty on materials and workmanship. Additional warranty period and terms for our portfolio's 26,000 instrument and devices can be found on package inserts and in operator manuals.



^{*1} As defined by the American College of Surgeon







At Symmetry Surgical, we offer a wide portfolio of general surgery instruments, devices and solutions, including trusted brands like Bookwalter® and Olsen®, so surgical teams can choose the right instrument and technique for every patient.

Whether surgical needs are in open or laparoscopic surgery, our **general surgery** portfolio contains more than **11,000 instruments** and devices that offer the flexibility and dependability surgical teams need in every procedure. They are the trusted, hand-crafted tools that function as an extension of the surgeon's hand.

KEY GENERAL SURGERY INSTRUMENTS

"S" Shaped Retractors Connectors Ligators Probes Spare Poins Cookie Cutters Graspers Ligature Carriers Protectors Accessories Spatulas Cords/Cables Grounding Pads/Return Adapters Ligatures Pullers Specula Anoscopes Covers electrodes Lightings Pumps Sphincterscopes **Apparatuses** Crimpers Guards Lletz Electrodes **Punches** Splitters Puncture/Aspiration Needles **Applicators** Crushers Guides Loop Electrodes Sponges Hammers Aspirators Cups Pushers Loops Spoons Bags Curettes Hampers Low Temp Tips Racks Spreaders **Ball Electrodes** Cutters Handles Low Wattage Rasps Stones Demarcators Rasps/Files Basins Headbands Mallets Stopcocks Batteries Depressors Headrests Markers Removers Strainers Bayonet Electrodes **Dermal Tip Electrodes High Frequency Dessicators** Microdissection Needles Repair Straps Beakers Dermatoscopes High Temp Tips Mirrors Replacement Tips Stringers **Biopsy Punches** Devices High Wattage Monopolar Forceps Retractors Strippers Dilators Bipolar Forceps Holders Morselizers Rings Stylets Blade Electrodes Directors Holsters Myoma Screws Rolls Suction Coagulators Blades Dissectors Hook Electrodes Nathanson Retractors Rongeurs Suction Irrigation Cannulas Blocks Donuts Hooks Needle Electrodes Rulers Suction Tubes Needle Holders Suture Passers Bowls Drapes Hoses Saws Draw Sheets H-Type Electrodes Needle Holders/Scissors Bridges Scales Syringes Buckets Drills Ink Wells Needles Scalpels Table Clamps Dynamometers Needles Tables Burnishers Inserts Burrs Electrode Extenders Instrument Holders Nerve Locator/Stimulators Scoops Tape Measures Electrosurgical Pencils **Buttons** Instrument Tapes Scope Cleaners Tattoos Nippers Cable Elevators Instruments Nuts Scope Warmers Tips Cables Exam Lights Insufflation Needles Obturators Scopes Tractors Ophthalmic Accessories Scratch Pads Calipers Extensions Insufflation Tubing Trays Extractors Introducers Osteotomes Screws Cannulas Trocars Face Shields Irrigators Packers Separators Trocars Caps Shafts Carriers Fan Retractors Jars Pads Tubes Keys Carts, Stands & Trays Fascia Anchor Adapters Parts Shavers **Tubings** Cases Filters Kits/Sets Pencil Adapters Shears **Tumblers** Fine Wire Electrodes Knife Handles Sheaths Cassettes Pillows Twisters Flex Electrodes Urethrotomes Catheters Knives Pins Sheets Chisels Flexible Electrodes **Knot Pushers** Pitchers Shields Valves Cholangiogram Catheters Plates Shuttles Footpedals Vasectomy Tips Lahels Cholangiogram Devices Footstools Lamps Pliers Sleeves Vein Strippers Clamps Forceps Laparoscopic Electrodes **Polishers Smoke Evacuators** Wipes Clip Appliers Laparoscopy Ring **Positioners Snake Retractors** Gauges Clips Gloves Lenses Posts Snares Collets Goniometers Liberators PretzelFlex Retractors Sounds

Bookwalter® Classic® Classic Plus®

sic Plus® Olsen®

Symmetry

NOTABLE PROPER NAME INSTRUMENTS

Allis Halsted Lawrie Senn Babcock Tebbetts-Brown Hartman Lister Backhaus Hibbs Magill Vienna Mayo Bookwalter Horton Volkman Crile Jacobsen Metzenbaum Weitlaner Cushing Willauer-Allis Janson Nissen Edna Jones Pennington Wullstein-Weitlaner Frazier Richardson Kelly Yankauer Freer Kocher Rochester Rumel





At Symmetry Surgical, we provide a wide portfolio of plastic surgery so surgical teams can choose the right instruments for every aesthetic and reconstructive requirement. This portfolio includes more than 7,000 instruments including adapters to retractors, we have the surgical instrument to meet your needs.

Lletz Electrodes

KEY PLASTIC SURGERY INSTRUMENTS

Accessories Adapters **Apparatuses** Ball Electrodes Basins Batteries **Bayonet Electrodes** Beakers Bipolar Forceps Blade Electrodes Blades Blocks Bowls **Buckets** Calipers Cannulas Caps

Carriers Carts, Stands & Trays Filters Cases Catheters Chisels Clamps Clip Appliers Forceps Gauges Clips Collets Gouges

Cookie Cutters Cords/Cables Covers Crimpers Crushers Curettes Cutters Demarcators Dermal Tip Electrodes Dermatoscopes Dilators Dissectors Drapes Drills Electrosurgical Pencils Elevators Exam Lights Extensions Extractors Fine Wire Electrodes Footpedals Footstools

Grounding Pads/Return electrodes Guards Guides Hammers Hampers Handles Headbands **High Frequency Dessicators** High Wattage Holders Holsters Hooks H-Type Electrodes Inserts Instrument Tapes Instruments Jars Keys Kits/Sets Knife Handles Knives Labels Liberators Ligature Carriers Ligatures

Loop Electrodes Loops Low Wattage Mallets Markers Microdissection Needles Mirrors Morselizers Needle Electrodes Needle Holders Needle Holders/Scissors Needles Nerve Locator/Stimulators **Nippers** Nuts Obturators Osteotomes **Passers** Pencil Adapters Picks Plates Pliers Polishers Probes Protectors

Pullers Punches Racks Rasps Rasps/Files Removers Retractors Retrievers Rongeurs Rulers Saws Scales Scalpels Scissors Scratch Pads Screws Separators Shavers Shears Sheaths Shields Shuttles Sleeves Smoke Evacuators Snares Spatulas

Specula **Splints Splitters** Sponges Spoons Spreaders Stones Stringers Strippers Stylets Tables Tape Measures Tips Tractors Tri-Squares Tubes **Tubings Tumblers Twisters** Urethrotomes Vein Strippers

BRANDS

Olsen®

Dautrey Derf Dingman Epker

NOTABLE PROPER NAME INSTRUMENTS Freeman Gorney Halsey Joseph

Bovie

Kaye-Freeman Magill **McPherson**

Obwegeser Pollack-Dingman Stevens Tessler

Symmetry



Precision is paramount in neurosurgical procedures and the Symmetry Surgical **neurosurgical** portfolio of nearly **5,000 instruments** includes hand-held titanium and stainless-steel instruments and retractors with trusted brands such as Greenberg®, RapidClean®, Karlin and Microsect®.

With reliable reusable instruments and advanced disposable devices, Symmetry Surgical holds the #1 market share position for neurosurgical instruments in the industry.

KEY NEUROLOGICAL INSTRUMENTS

Appliers	Cutters	Guides	Monopolar Forceps	Pushers	Springs
Bars	Devices	Hammers	Needle Electrodes	Rasps	Stylets
Bipolar Forceps	Dissectors	Handles	Needle Holders	Repair	Suction Tube Holders
Blade Electrodes	Distractors	Headrests	Needles	Retractors	Suction Tubes
Blades	Drills	Holsters	Osteotomes	Rongeurs	Tamps
Braces	Drivers	Hooks	Packers	Saws	Thumb Pieces
Burrs	Electrosurgical Pencils	Impactors	Passers	Scissors	Tips
Calipers	Elevators	Kerrison Rongeurs	Perforators	Scoops	Tongs
Cannulas	Enucleators	Kits/Sets	Pins	Screwdrivers	Trays
Cases	Extenders	Knife Handles	Pinwheels	Screws	Trephines
Chisels	Files	Knives	Plates	Separators	Trocars
Clamps	Forceps	Ligature Carriers	Pliers	Spanners	Tuning Forks
Clip Appliers	Gauges	Magnifiers	Points	Spatulas	Washers
Clips	Gouges	Mallets	Positioners	Specula	Waxers
Connectors	Grounding Pads	Markers	Probes	Spoons	Wrenches
Curettes	Guards	Mirrors	Punches	Spreaders	

BRANDS

Greenberg® Microsect® Rapidclean® Rhoton® Ultra®

NOTABLE PROPER NAME INSTRUMENTS

Adson Davis Leksell Scoville Caspar Gruenwald Love-Gruenwald Soukin Cloward Hardy McCulloch Spurling Cobb Inge Meyer-Ding Taylor Cushing Karlin Penfield Woodson Yasargil Dandy Kerrison Raney



Our Symmetry Surgical **orthopedic** instruments withstand the difficult demands of orthopedic procedures.

These extremely specific, durable and dependable instruments can be used when performing a joint replacement or spinal surgery. This portfolio includes nearly **2,000 instruments** providing a range of high-quality surgical insturments for any orthopedic procedure.

KEY ORTHOPEDIC INSTRUMENTS

Calipers Curettes Files Skids Impactors Rasps Cast tools Dissectors Forceps Kits Reamers Splitters Cement impaction Drivers Gouges Mallets Retractors Taps Elevators Graspers Osteotomes Wire & Traction Chisels Rongeurs Clamps Endoscopes Handles Probes Scissors Containers Extractors Hooks **Punches** Shuttles

BRANDS

Olsen® Symmetry Ultra®

NOTABLE PROPER NAME INSTRUMENTS

BlumenthalFukudaKleinert-KutzLempertBoehlerHohmannKolbelRuskinFriedmanKirschnerLeksellSmillie



At Symmetry Surgical, our oral and maxillofacial surgery solutions offer precision and work in harmony with one another to optimize their effectiveness. Our **ENT instrument** portfolio includes more than **3,000 instruments** including adenotomes, otoscopes, stylets and swivels from trusted brands such as Olsen®, Secto® and Ultra Instruments®.

KEY OPTHALMIC INSTRUMENTS

Adapters Catheters Adentomes Chains **Apparatuses** Chip Blowers **Applicators** Chisels Clamps **Aspiration Tubes** Augers Clips Covers Awls **Backbiters** Crimpers Crushers **Bayonet Electrodes** Curettes Bipolar Forceps Depressors Blade Electrodes Dilators Displacers Blades Blocks Dissectors Dressings Bows Bulbs Ear Wicks Burnishers **Electrosurgical Pencils** Burrs Elevators Calipers **Epistaxis** Exam Lights Cannulas Excavators Caps Carvers **Explorers** Cases Fenestrometers

Fingers Forceps Gags Gouges Grips Guards Guides Hammers Handles Handpieces High Temp Tips Hoes Holders Hooks Instruments **Irrigators** Jaws Kits/Sets Knives Laparoscopic Electrodes Ligature Carriers

Loops

Mallets

Mirrors Mobilizers Monopolar Forceps Morselizers Mouth Gags Needle Electrodes Needle Holders Needles Nerve Locator/Stimulators **Nippers** Osteotomes Otoabraders Otoscopes **Packings** Picks **Plates** Pliers Pluas Presses Probes Punches Rasps Removers

Replacement Tips Retractors Rings Rongeurs Saws Scalers Scissors Scrapers Screws Searchers Seekers Separators Sidebiters Sinuscopes Sizers **Snare Wires** Snares Spatulas Specula **Splints** Sponges Spreaders Straighteners

Strippers Stylets **Suction Coagulators** Suction Tube Holders Suction Tubes Sweepers Swivels Syringes Teasers Tips Trimmers Trocars Trocars Tubes Tuning Forks Wells Wicks Windows Wires

BRANDS

Olsen® Symmetry Ultra®

NOTABLE PROPER NAME INSTRUMENTS

BarnhillBuckHouseJacksonTakahashiBellucciCottleHouse-WellsteinSheaWeil-Blakesley



The Symmetry Surgical portfolio of gynecological surgery instruments is as broad as the gynecological specialty itself. Whether surgical teams are focused on labor and delivery or oncology, performing a laparoscopic or robotic procedure, we have a comprehensive portfolio to meet the patient's unique needs.

The **gynecological** portfolio includes more than nearly **3,000 instruments** including uterine manipulators, retractors, forceps and insufflation needles.

KEY OBGYN/GYNECOLOGIC INSTRUMENTS

"S" Shaped Retractors Accessories Acorns Adapters Amniotomes Ball Electrodes Biopsy Punches Bipolar Forceps Blade Electrodes Cable Cannulas Caps Carts, Stands & Trays Circumcisors	Clamps Clip Appliers Colpotomy Devices Cords/Cables Curettes Cutters Dilators Dissectors Electrode Extenders Extractors Fascia Anchor Adapters Filters Forceps	Graspers Guides Handles High Temp Tips High Wattage Holders Hooks Instrument Holders Insufflation Needles Insufflation Tubing Kits/Sets Knobs Knot Pushers Laparoscopic Elec-	trodes Lightings Lletz Electrodes Loop Electrodes Low Wattage Manipulators Needle Holders Nuts Nuts/Bolts OBGYN accessories Pelvimeters Pencil Adapters Punches	Retractors Rulers Scissors Scope Cleaners Scope Warmers Scopes Screws Shafts Sheaths Smoke Evacuators Sounds Specula Spoons Suction Irrigation	Cannulas Suture Passers Table Clamps Tenacula Tips Trocars Trocars Tubings Uterine Manipulators
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BRANDS

Bovie Bookwalter® Symmetry

NOTABLE PROPER NAME INSTRUMENTS

Balfour Hegar Masterson Simpson Breisky Hulka O'Sullivan-O'Connor Sims Kevourkian Graves Pederson Tischler Hank Kleppinger Pratt Zep Heaney Magrina Schroeder



At Symmetry Surgical, our wide portfolio of high-quality cardiovascular and thoracic surgery solutions means surgical teams can choose the right instrument and technique for each patient and procedure.

We understand the nuances in cardiovascular and thoracic procedures and ensure sharp scissors provide precision while vascular clamps are strong but delicate enough to avoid tearing vessels. Within the **CVT portfolio** of nearly **2,000 instruments**, there are an array of tools to help teams operate with highest efficiency and safety.

KEY CARDIOVASCULAR AND THORACIC INSTRUMENTS

Approximators	Connectors	Kits/Sets	Rasps
Approximators	Contractors	Knives	Retractors
Bells	Cords/Cables	Lamps	Rongeurs
		· ·	
Blade Electrodes	Costotomes	Loops	Scissors
Blades	Cutters	Needle Electrodes	Screws
Booties	Dilators	Needle Holders	Shafts
Bulbs	Dissectors	Needles	Shears
Cannulas	Elevators	Obturators	Shunts
Carriers	Exam Lights	Pads	Spatulas
Clamps	Forceps	Passers	
Clip Appliers	Holders	Probes	
Clips	Hooks	Punches	

BRANDS

DOVIE OR Company Bookwaller Classic Ollia Symm	Bovie	Company Book	cwalter® Classic®	Ultra ®	Symmetry
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NOTABLE PROPER NAME INSTRUMENTS

Ankeney	Dietrich	Mayo-Hegar
Castroviejo	Garrett	Mayo
Cooley	Gregory	Metzenbaum
Crile-Wood	Jacobsen	
DeBakev	Jones	



The Symmetry Surgical **ophthalmic** portfolio is broad so you may choose the appropriate tool needed for every technique. Within the surgical specialties' portfolio, we offer an array of high-quality surgical solutions for ophthalmic procedures' unique needs.

Our portfolio of over **1,600** German crafted, high-quality instruments include cannulas, forceps, scrapers, polishers and scissors for use in a variety of ophthalmic procedures.

KEY OPTHALMIC INSTRUMENTS

Collets	Forceps	Magnets	Replaceme
Controllers	Gauges	Manipulators	Retractors
Crackers	Gouges	Markers	Rings
Curettes	Handles	Needle Holders	Rotators
Cutters	High Temp Tips	Needles	Scissors
Cystotomes	Hooks	Needles/Spuds	Scrapers
Depressors	Introducers	Ophthalmic Accessories	Scrubbers
Dilators	Kits/Sets	Plates	Shields
Dissectors	Knives	Pledgets	Spatulas
Drains	Lenses	Polishers	Spears
Elevators	Loops	Probes	Specula
Exam Lights	Loupes	Punches	Splitters
Extractors	Low Temp Tips	Pushers	Spoons
	Controllers Crackers Curettes Cutters Cystotomes Depressors Dilators Dissectors Drains Elevators Exam Lights	Controllers Gauges Crackers Gouges Curettes Handles Cutters High Temp Tips Cystotomes Hooks Depressors Introducers Dilators Kits/Sets Dissectors Knives Drains Lenses Elevators Loops Exam Lights Loupes	Controllers Gauges Manipulators Crackers Gouges Markers Curettes Handles Needle Holders Cutters High Temp Tips Needles Cystotomes Hooks Needles/Spuds Depressors Introducers Ophthalmic Accessories Dilators Kits/Sets Plates Dissectors Knives Pledgets Drains Lenses Polishers Elevators Loops Probes Exam Lights Loupes Punches

acement Tips	Spreaders
ictors	Spuds
3	Tonometers
tors	Trabeculotomes
ors	Trephines
pers	Trisectors
obers	Vectus
ds	Wands
ulas	Wicks
rs	Wipes
ula	
ters	

BRANDS

Classic Plus[®] Olsen[®] Symmetry Ultra[®]

NOTABLE PROPER NAME INSTRUMENTS

Westcott Barraquer Jackson McPherson-Vannas Bishop-Harmon Jaffe Nagahara Wilder Quicksert Williams Bowman Knapp Kratz-Barraquer Reynolds Vannas Castroviejo Desmarres McPherson Stevens



Within the surgical specialties' portfolios, Symmetry Surgical offers high-quality surgical solutions for proctologists and colorectal surgeons' unique needs. Our broad portfolio of delicate yet sturdy colon and rectal instruments ensures surgical teams have the high-quality instruments needed for both clean and contaminated set-ups.

The **colon & rectal** portfolio of over **1,500 instruments** includes S-shaped retractors, dissectors, forceps and graspers that are specifically designed for colorectal surgeries' unique needs.

KEY COLON AND RECTAL INSTRUMENTS

S" Shaped Retractors Adapters Biopsy Punches Clip Appliers Dissectors
Fan Retractors
Flexible Electrodes
Forceps

Graspers Handles Hooks Insufflation Needles Knot Pushers Laparoscopy Ring

BRANDS

Bovie

OR Company

Bookwalter®

Classic®

Ultra®

Symmetry



Our Symmetry Surgical urology portfolio includes everything from minimally invasive to those that assist with robotic techniques.

Each works in harmony with other instruments in the portfolio and offers the precision and control required for urological procedures' unique needs. Our **urology** instrument portfolio includes nearly **1,000 instruments** including bougies, urethral sounds, retractors and forceps from trusted brands including Bookwalter®, Classic Plus® and more.

KEY UROLOGIC INSTRUMENTS

Acorns	Clamps	Forceps	Needle Holders	Retractors
Anoscopes	Cones	Guides	Needle Holders/Scis-	Rings
Bags	Covers	Hooks	sors	Scoops
Bipolar Forceps	Dilators	Kits/Sets	Needles	Shafts
Bougie A Boules	Dilators/Catheters	Lamps	Obturators	Sounds
Bulbs	Directors	Ligators	Probes	Specula
Cables	Epistaxis	Loops	Proctoscopes	Sphincterscopes
Catheters	Flexible Electrodes	Manipulators	Pushers	Spreaders

BRANDS

Bookwalter®	Classic Plus®	Olsen®	Symmetry	Ultra®
Dookwalte	Olussic I lus	UIJUII	OviiiiiGuv	Oitiu

NOTABLE PROPER NAME INSTRUMENTS

Bakes Gil-Vernet McCrea Spencer Balfour Hill-Ferguson McDougal Thackston O'Sullivan-O'Connor Desjardins Hinke-James Van Buren Dittel Lefort Walther Fansler Mathieu Pratt Yeomann Finochietto Mayo-Hegar Randall Zipser

Stylets Tips Trocars Tubes

Vasectomy Tips





 ${\tt Contact\,your\,Specialist\,or\,visit\,symmetry surgical.com\,for\,more\,information.}$

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