ValveGate™ Retractors and Tools

29-1395
ValveGate™ Mini-Thoracotomy Retractor with straight arms, 30x60mm blades with turnable crossbar (detachable) for accessories*

Recommended ValveGate™ Accessories:

- 29-1395.TB Extra turnable crossbar
- 29-1500.BH Malleable Atrial Retractor 20mm
- 29-1500.HS Cooley Atrial Hook 20mm curved basket
- 29-1501.HS Cooley Atrial Hook 20mm straight basket
- 29-1500.HS/D Cooley Atrial Hook 20mm curved basket, long shaft
- 29-1428 Fixation Clamp
- 29-1437 Multi-Purpose Spatula

*shown with 29-1428 and 29-1500.HS (not included)

29-1390
ValveGate™ Mini-Thoracotomy Retractor with curved arms, 30x60mm blades with strong spreading bar and turnable crossbar (detachable) for accessories*

29-1396
ValveGate™ Mini-Thoracotomy Retractor with hinged arms, 2x2 exchangeable parallel blades 36x40mm and 36x55mm, turnable crossbar (detachable) for accessories*

- 29-1396.E2 as above, but 2x2 tubular blades 40x50mm and 40x70mm
- 29-1396.E3 as above, but 3x2 tubular blades 40x30mm and 40x50mm and 40x70mm

NEW

29-1397.06 ValveGate™ Suture Ring 6mm with removable springs (fits on all ValveGate™ Mini-Thoracotomy Retractors)

29-1397.08 as above, but 8mm

*shown with 29-1428 and 29-1500.HS (not included)
Innovative MIS Instruments for Valve Surgery, ultra-lightweight, perfectly balanced, with durable hard-anodized aluminium handle and integrated cleaning port.

ValveGate™ Scissors
- 34-7830 15° curved
- 34-7831 Jameson-style, curved, with tenotomy tips
- 34-7835 30° curved
- 34-7840 70° curved
- 34-7862 45° Potts-style
- 34-7860 125° Potts-style
- 34-7833 Robust Scissors 15° curved, 7mm shaft

ValveGate™ Clip Applying Forceps
- 34-7460 small, for use with SLS/VitaltecClips
- 34-7460.HZ small, for use with Horizon Clips
- 34-7462 medium, for use with SLS/VitaltecClips
- 34-7462.HZ medium, for use with Horizon Clips

ValveGate™ Needle Holders with ratchet
- 34-7800 TC straight jaw
- 34-7802 TC curved jaw
- 34-7805 TC Ryder jaw
- 34-7806 TC curved, mini jaw, fine 3mm shaft

ValveGate™ DeBakey Graspers
- 34-7820 1x2 AG, small jaw
- 34-7821 1x2 AG, small jaw, angled upwards
- 34-7822 1x2 AG, small jaw, angled left
- 34-7824 Resano jaw for valves
- 34-7825 2x3 AG, wide jaw
- 34-7826 2x3 AG, wide jaw, fine teeth, gentle grip
- 34-7827 1x2 AG, delicate jaw, 3mm malleable shaft

ValveGate™ Dissecting Forceps
- 34-7828 Gemini-style, smooth, dilating action

ValveGate™ Knot Pusher
- 34-7850 push to close
- 34-7851 push to open

Standard working length 25cm/10" for minimally invasive valve surgery. For shorter 17cm/6½" working length (e.g. for open cardiac surgery and daily practice without switching instrument types) add “S” behind article number, for longer 30cm/12" working length (e.g. for thoracoscopy, laparoscopy etc.) add “L” behind article number when ordering.
ValveGate™ Tools

Suture Ruler (Chordae Tendinae Measuring and Knotting Device for expanded PTFE sutures)
03-5409 ValveGate™ Suture Ruler / 3 – 60mm, 34cm/13⅞"

ValveGate™ Knotting Devices for chordal reconstruction with ePTFE sutures

03-5420 ValveGate™ Knotting Device
03-5425 Shibata Chordae System 15-26mm, facilitates chordal loop making

NEW
34-7496 ValveGate™ Knot Pusher with disc 34cm/13⅞"
34-7486 ValveGate™ Fine Nerve and Vessel Hook 35cm/13⅞"
34-7485 ValveGate™ Nerve and Vessel Hook 35cm/13⅞"
34-7484 ValveGate™ Vessel Hook 35cm/13⅞"
34-7475 ValveGate™ Suture Catcher 35,5cm/14"
34-7480 ValveGate™ Magnetic Retriever 35cm/13⅞"

NEW
16-2011 Scalpel Blades #11 (pack of 100, sterile)
34-7471 ValveGate™ Scalpel Blade Holder (without blades) 37cm/14⅜"
16-2065 Mini Blades (pack of 10, sterile)
34-7470 ValveGate™ Mini Blade Holder (without blades) 37cm/14⅜"
34-7465 ValveGate™ Valve Pusher 35cm/13⅞"
Cardioplegia Needles

18-0050  ValveGate™ Cardioplegia Needle / 30.5cm/12⅛” ø 2mm (Bredschneider Cardioplegia)
18-0051  ValveGate™ Cardioplegia Needle / 30.5cm/12⅛” ø 3mm (4:1 Cardioplegia)

34-7495  ValveGate™ Knot Pusher with slot 34cm/13⅝”

with adapters compatible for Storz/Wolf/ACMI-type lightcables

34-0960.AC  ValveGate™ Endoscope Ø 5mm 0°, 30cm/12”, autoclavable, universal eyepiece for C-Mount adapters
34-0961.AC  ValveGate™ Endoscope Ø 5mm 30°, 30cm/12”, autoclavable, universal eyepiece for C-Mount adapters

34-7301  ValveGate™ Transthoracic Aortic Clamp 27cm/10⅜”, 100mm 1x2 DeBakey jaws
34-7306  ValveGate™ Transthoracic Aortic Clamp 27cm/10⅜”, 100mm 2x3 DeBakey jaws

34-7302  ValveGate™ Transthoracic Aortic Clamp 23cm/9”, 50mm 1x2 DeBakey jaws
34-7303  ValveGate™ Transthoracic Aortic Clamp 25.5cm/10”, 75mm 1x2 DeBakey jaws

34-7450  ValveGate™ Aortic Valve Rongeur 3mm, 30cm/12”, straight
34-7451  ValveGate™ Aortic Valve Rongeur 3mm, 30cm/12” 30°, upwards
ValveGate™ Accessories

29-1380 ValveGate™ Set of 6 Mitral Blades with Holder and Introducer
29-1379 ValveGate™ Set of 6 Tricuspidal Blades with Holder and Introducer

29-1481G Iron-Assistant™ Instrument Holder, extra long straight bar
29-1481 Iron-Assistant™ Instrument Holder, L-shaped bar ditto, insulated for use with hf-surgery
29-1482 Iron-Assistant™ Endoscope Holder straight bar ditto, insulated for use with hf-surgery
18-4520  Ross Ventricular Vent, Adult 3/16”
18-4521  Ross Ventricular Vent, Child 3/16”
18-4522  Ross Ventricular Vent, Infant 1/8”

34-0855  Thoracic Trocar 6mm

34-7510  Flexible Trocar 6mm 70mm
34-7511  Flexible Trocar 6mm 100mm

34-0953  Automatic Trocar Sleeve 5.5mm with manual opening

34-0956  Trocar 5.5mm, pyramidal point

34-3400  Veress Insufflation Needle 120mm

33-1530H  Insufflator 30l/min with gas heater

Technical data: Insufflation pressure: 0 – 30 mmHg, Power supply: 100 – 240 VAC, 50 – 60 Hz, 65W Dimensions: (WxHxD) 355x103x253mm, weight: 7kg Gas: carbon dioxide (medical), gas connection: UNF 7/16” Class/Type: 2b/BF Manufactured and tested acc. IEC 601-1, EN 60601-1, 93/42 ECC Delivery contains: Insufflator, mains cable, CO₂ high pressure tube UNF to German gas connection, Wrench set: SW15/SW30, Sterile filter, System gas heater with tube set, User manual

33-1532  Spare Tube Set with heat exchanger 2.5m
33-1533  Spare Sterile Filters (pack/50 pcs.)

30-0740  Cone Retractor 14.5cm/5¾” deep pattern

30-0546.16  Memory Malleable Spatula 16mm 18cm/7”
30-0546.19  Memory Malleable Spatula 19mm 18cm/7”
30-0546.24  Memory Malleable Spatula 24mm 18cm/7”
ValveGate™ Soft Tissue Protector, disposable, single use, sterile. Used for protecting and retracting soft tissue in combination with mini-thoracotomy retractors or instead of a retractor. Also recommended for use in transcatheter valve procedures and thoracic V.A.T.S. procedures with small incisions.

29-1399 Regular Size, incision approx. 60-90mm
29-1399S Small Size, incision approx. 20-50mm

34-7499 Flushing Adapter
34-7499B Flushing Adapter with lock to shaft

77-8000 Ultrasonic Desinfector and Cleaner
Dimensions 860x490x415mm, weight 40kg

77-3605 Modular ValveGate™ Plastic Container System
502x239x102mm double level assembly 4” deep with mat in base and upper insert with silicone strips for up to 10 instruments

77-3600 Convertible ValveGate™ Plastic Container System
464x190x70mm with mat in base and upper insert with tri-level silicone strips for up to 12 instruments