

# V. Mueller® MI-CT instruments

CareFusion is proud to introduce a new line of V. Mueller® instruments and products for video-assisted thoracoscopic surgery (VATS) and minimally invasive cardiac surgery (MICS).

V. Mueller minimally invasive cardiothoracic (MI-CT) instruments are manufactured by skilled instrument craftsmen, using high quality materials at exacting specifications.



**V. Mueller®**



### Unique designs

V. Mueller MI-CT instruments feature unique designs for both VATS and MICS, including:

**Sliding-shaft with conventional standard handles**—the sliding-shaft design allows the instrument to fully function through small incisions.

**Ergonomic aluminum squeeze handle design**—this comfortable, easy to use handle offers ergonomics and a lightweight design, which allow the surgeon to concentrate on the procedure and patient.

### V. Mueller instrument warranty

We warranty every instrument bearing the V. Mueller brand name to be free of functional defects in workmanship and materials when used normally for its intended use. Any V. Mueller product that proves to be defective in materials and workmanship will be repaired or replaced at our discretion. This guarantee (warranty) does not cover damage caused by abuse or misuse and is voided if personnel other than authorized CareFusion personnel or service resources repair or modify the instrument.



Standard handle with conventional sliding shaft



Ergonomic squeeze handle

## Clamps

Thoracoscopic DeBAKEY clamps .....	1
VATS SEMB clamps .....	2
Thoracoscopic LAMBERT-KAY clamps .....	2
VATS HARKEN clamps .....	2

## Forceps

MIS DeBAKEY forceps .....	3
VATS dissector forceps .....	3
VATS FOERSTER forceps .....	4
Node grasper forceps .....	4
VATS DUVAL forceps .....	5
ALLIS forceps .....	5

## Needle holders

Micro straight/curved needle holders .....	5
MIS needle holders .....	6
Heavy needle holders .....	6
X-heavy needle holders .....	6

## Scissors

MIS scissors .....	6
Thoracoscopic dissecting scissors .....	7
Thoracoscopic METZENBAUM scissors .....	7

## Knot tier/pushers

Knot tier/pushers .....	7
-------------------------	---

## Retractors

Fan retractors .....	8
----------------------	---

## Clip applicators

Clip applicators .....	8
------------------------	---

## Chest tube passers

Chest tube passers .....	8
--------------------------	---

## Scalpel blade holder

Scalpel blade holder .....	8
----------------------------	---

## Hooks

Fine nerve and vessel hooks .....	8
Nerve and vessel hooks .....	8
Vessel hooks .....	8

## Suture pullers

Suture pullers .....	8
----------------------	---

## Suction instruments

Straight suction instruments .....	9
Curved suction instruments .....	9

## Suction cleaning brush sets

Suction cleaning brush sets .....	9
-----------------------------------	---

## Sterilization trays

Sterilization tray with three silicone brackets .....	10
Sterilization tray with pin mat .....	10

## Quick reference

Quick reference .....	11-12
-----------------------	-------

## Thoracoscopic DeBAKEY clamps



### Thoracoscopic DeBAKEY clamp

CH7233 Thoracoscopic DeBAKEY clamp—60mm curved 1x2 DeBAKEY atraumatic jaws, 5mm shaft, w/ratchet, 21cm working length, stainless steel, 12.25" (31cm)



CH7233-1 Thoracoscopic DeBAKEY clamp—65mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 23cm working length, stainless steel, 12.75" (32cm)



CH7233-2 Thoracoscopic DeBAKEY clamp—100mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.25" (36cm)



CH7233-3 Thoracoscopic DeBAKEY clamp—100mm curved 2x3 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.25" (36cm)



## Thoracoscopic DeBAKEY clamps—tapered jaw



### Thoracoscopic DeBAKEY clamp—tapered jaw

CH7237 Thoracoscopic DeBAKEY clamp—115mm straight 1x2 DeBAKEY atraumatic tapered jaws, 10mm shaft, w/ratchet, 27cm working length, stainless steel, 14.75" (37.5cm)



CH7237-1 Thoracoscopic DeBAKEY clamp—110mm curved 1x2 DeBAKEY atraumatic tapered jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.5" (37cm)



VATS SEMB clamps



CH1811



VATS SEMB handle

VATS SEMB clamp



CH1811

VATS SEMB clamp—140mm fully curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 31cm working length, w/ratchet, stainless steel, 15.5" (39.5cm)

Thoracoscopic LAMBERT-KAY clamps



CH7352



LAMBERT-KAY handle

Thoracoscopic LAMBERT-KAY clamp



CH7352

Thoracoscopic LAMBERT KAY clamp—curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, angled shanks, w/ratchet, 21cm working length, stainless steel, 12.25" (31cm)

VATS HARKEN clamps



CH6475



CH6477



VATS HARKEN handle

VATS HARKEN Clamp



CH6475

VATS HARKEN #1 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, stainless steel, 14" (35.5cm)



CH6475-1

VATS HARKEN #1 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, w/ratchet, stainless steel, 14" (35.5cm)



CH6477

VATS HARKEN #2 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, stainless steel, 14" (35.5cm)



CH6477-1

VATS HARKEN #2 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, w/ratchet, stainless steel, 14" (35.5cm)

MIS DeBAKEY forceps



MIS forceps

	CH5915	MIS CABG forceps—straight 1mm serrated jaws, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5916	MIS DeBAKEY forceps—straight 1mm jaws, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5916-1	MIS DeBAKEY forceps—straight 1mm jaws, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH5916-2	MIS DeBAKEY forceps—straight 2.8mm jaws, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5916-3	MIS DeBAKEY forceps—straight 2.8mm jaws, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)

Dissector forceps



VATS dissector

	CH1778	VATS curved dissector—serrated jaws, 7mm shaft, 9.125" (23.3cm) working length, stainless steel, 13.25" (33.5cm)
	CH1778-1	VATS curved dissector—serrated jaws, 7mm shaft, 9.125" (23.3cm) working length, w/ratchet, stainless steel, 13.25" (33.5cm)
	CH1776	VATS right angle dissector—DeBAKEY/COOLEY serrated jaws, 10mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
	CH1776-1	VATS right angle dissector—DeBAKEY/COOLEY serrated jaws, 10mm shaft, 9.5" (24cm) working length, w/ratchet, stainless steel, 13.5" (34cm)

VATS FOERSTER—Ring handle/curved shaft



CH9323



CH9323-2



CH9323-4



Ratcheting handle

20mm oval



CH9323	VATS FOERSTER forceps—curved left 20mm oval serrated jaws, 10mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-1	VATS FOERSTER forceps—curved left 20mm oval serrated jaws, 10mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)

12mm oval



CH9323-2	VATS FOERSTER forceps—curved left 12mm oval serrated jaws, 7mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-3	VATS FOERSTER forceps—curved left 12mm oval serrated jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)

10mm oval



CH9323-4	VATS FOERSTER forceps—curved left 10mm oval serrated jaws, 7mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-5	VATS FOERSTER forceps—curved left 10mm oval serrated jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)

Node graspers



CH9329-1



CH9329



Ratcheting handle

VATS node grasping forceps



CH9329	VATS node grasping forceps—straight 11mm oblong serrated jaws, 5mm shaft, w/ratchet, 9" (23cm) working length, stainless steel, 13" (33cm)
--------	--



CH9329-1	VATS node grasping forceps—curved left 11mm oblong serrated jaws, 5mm shaft, w/ratchet, 9" (23cm) working length, stainless steel, 13" (33cm)
----------	---

VATS DUVAL forceps



VATS DUVAL clamp



CH1595

VATS DUVAL clamp—curved left 15mm triangular serrated ring jaws, 10mm shaft, w/ratchet, 9.25" (23.5cm) working length, 13.5" (34cm)



CH1596

VATS DUVAL clamp—curved left 25mm triangular serrated ring jaws, 10mm shaft, w/ratchet, 9.25" (23.5cm) working length, 13.5" (34cm)

ALLIS forceps



VATS ALLIS forceps









CH1563

VATS ALLIS forceps—curved left 6mm wide jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)




Micro needle holders



Straight jaw

	CH2450	MIS CABG needle holder—straight TC coated jaws, w/lock, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2453-1	MIS needle holder—straight TC coated jaws, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH2455	MIS needle holder—straight jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2455-1	MIS needle holder—straight jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH2465	MIS needle holder—straight RYDER jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2465-1	MIS needle holder—straight RYDER jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)

Curved jaw

	CH2450-1	MIS CABG needle holder—curved TC coated jaws, w/lock, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2453-3	MIS needle holder—curved TC coated jaws, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH2455-2	MIS needle holder—curved jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2455-3	MIS needle holder—curved jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)



MIS needle holders



CH2467



MIS handle

MIS needle holders

	CH2467	MIS needle holder—straight TC coated jaws, w/lock, 5mm shaft, 6.5" (16.5cm) working length, stainless steel, 10.5" (26.5cm)
--	--------	---

Heavy and X-heavy needle holders



CH2468







CH2472



VATS handle

VATS heavy needle holders

	CH2468	VATS heavy needle holder—straight heavy jaws w/TC inserts, 7mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
	CH2468-1	VATS heavy needle holder—curved heavy jaws w/TC inserts, 7mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
	CH2472	VATS X-heavy needle holder—straight X-heavy jaws w/TC inserts, 10mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
	CH2472-1	VATS X-heavy needle holder—curved X-heavy jaws w/TC inserts, 10mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)

MIS scissors



CH5707



CH5707-4



CH5709-1



MIS squeeze handle

MIS scissors

	CH5707	MIS scissors—curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5707-1	MIS scissors—curved blades with tenotomy tip, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH5707-2	MIS scissors—strongly curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5707-3	MIS scissors—strongly curved blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH5707-4	MIS scissors—full curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH5707-5	MIS scissors—full curved blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH5709	MIS scissors—45° angled blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
	CH5709-1	MIS scissors—125° angled blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)

## Scissors (continued) and knot tier/pushers

### Thoracoscopic—dissecting and METZENBAUM scissors



#### Thoracoscopic scissors

	CH2029	Thoracoscopic METZENBAUM scissors—curved 3.5cm blades w/blunt tips, 10mm shaft, 7.75" (19.5cm) working length, stainless steel, 11.5" (29cm)
	CH2022	Thoracoscopic dissecting scissors—curved 3cm blades w/blunt tips, 5mm shaft, 7.5" (19cm) working length, stainless steel, 11.5" (29cm)

### Knot tier/pushers



#### Knot tier/pushers

	CH06162	Knot tier/pusher—5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH06162-1	Knot tier/pusher—5mm shaft, w/lock, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH06162-2	Knot tier/pusher—5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 15" (38cm)
	CH06162-3	Knot tier/pusher—5mm shaft, w/lock, 10" (25cm) working length, round squeeze handle, stainless steel, 15" (38cm)

## Retractors and clip appliers

### Fan retractors



#### Fan retractors

	CH8128	Fan retractor—straight 5mm articulating shaft, 13" (33cm working length), stainless steel, 19.5" (49.5cm)
	CH8128-1	Fan retractor—straight 10mm articulating shaft, 13" (33cm working length), stainless steel, 19.5" (49.5cm)

### Clip appliers







#### Clip appliers

	CH2641	Clip applier—for use with small (yellow) Nexus clips, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
	CH2641-1	Clip applier—for use with medium (blue) Nexus clips, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH0602	Nexus ligating clips—small (yellow), titanium (6 clips/cartridge, 20 cartridges/box)	
CH0604	Nexus ligating clips—medium (blue), titanium (6 clips/cartridge, 20 cartridges/box)	

Chest tube passers



Chest tube passers

	CH04181	Chest tube passers—10mm curved shaft, 6.75" (17.5cm) working length, stainless steel, 9.75" (24cm)
	CH04181-1	Chest tube passers—10mm curved shaft, 6.75" (17.5cm) working length, w/ratchet, stainless steel, 9.75" (24cm)
	CH04181-2	Chest tube passers—10mm curved shaft, 11" (28cm) working length, stainless steel, 14" (35.5cm)
	CH04181-3	Chest tube passers—10mm curved shaft, 11" (28cm) working length, w/ratchet, stainless steel, 14" (35.5cm)

Scalpel blade holder






Blade holder

CH0705	Scalpel blade holder—round handle, stainless steel, 14.5" (37cm)
--------	--

Hooks




Hooks

	CH06167-1	Nerve and vessel hook—round handle, stainless steel, 13.75" (35cm)
	CH06167-2	Vessel hook—round handle, stainless steel, 13.75" (35cm)
	CH06167	Fine nerve and vessel hook—round handle, stainless steel, 13.75" (35cm)

Suture puller



Suture puller

	CH06166	Suture puller—round handle, stainless steel, 13.75" (35cm)
---	---------	--

## Suction instruments

### Suction instruments—curved shaft



Handle w/o thumb suction control




Handle w/thumb suction control



Suction handle—curved shaft

### Suction instruments—curved

	CH8201	Suction instrument—curved 3.2mm tube, Yankauer handle, 6.75" (17cm) working length, stainless steel, 12.25" (31cm)
	CH8201-1	Suction instrument—curved 3.2mm tube, Yankauer handle w/variable suction, 6.75" (17cm) working length, stainless steel, 12.25" (31cm)
	CH8201-2	Suction instrument—curved 3.2mm tube, Yankauer handle, 8.75" (22cm) working length, stainless steel, 14.25" (36cm)
	CH8201-3	Suction instrument—curved 3.2mm tube, Yankauer handle w/variable suction, 8.75" (22cm) working length, stainless steel, 14.25" (36cm)

### Suction instruments—straight shaft



Handle w/o thumb suction control




Handle w/thumb suction control



Suction handle—straight shaft



### Suction instruments—straight

	CH8051	Suction instrument—straight 5mm tube, Yankauer handle, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
	CH8051-1	Suction instrument—straight 5mm tube, Yankauer handle w/variable suction, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
	CH8051-2	Suction instrument—straight 10mm tube, Yankauer handle, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
	CH8051-3	Suction instrument—straight 10mm tube, Yankauer handle w/variable suction, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)

### Suction brush sets



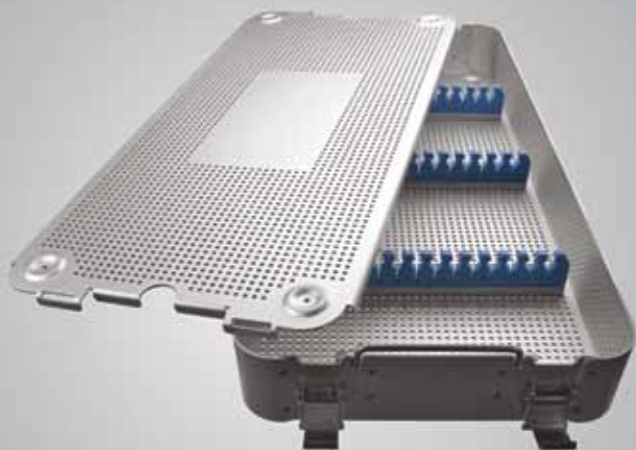
### Brush sets

	CH8202	Brush set for straight suction instrument—pack of 10 (for use with item # CH8051, CH8051-1, CH8051-2 and CH8051-3)
	CH8202-1	Brush set for curved suction instrument—pack of 10 (for use with item # CH8201, CH8201-1, CH8201-2 and CH8201-3)

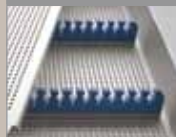


CH8051

## Sterilization trays



## Sterilization trays



CH9323	Metal sterilization tray—single level w/3 silicone brackets, 10.5" x 21.5" x 2.5" (26.6 x 53.3 x 6.3cm)
CH9325-1	Metal sterilization tray—single level w/pin mat, 9.63" x 18", 10.5" x 21.5" x 2.5" (26.6 x 53.3 x 6.3cm)



## Quality from start to finish

Our approach to quality starts with the design process and continues throughout the life of the instrument. That's why we provide the people, support and tools you need to protect your instrument investment long-term. From start to finish, V. Mueller and Snowden-Pencer® instruments define quality.

To place an order or for more information, please contact your V. Mueller instrumentation Sales Representative or call **800.323.9088**.

Thoracoscopic DeBAKEY clamp	
CH7233	Thoracoscopic DeBAKEY clamp—60mm curved 1x2 DeBAKEY atraumatic jaws, 5mm shaft, w/ratchet, 21cm working length, stainless steel, 12.25" (31cm)
CH7233-1	Thoracoscopic DeBAKEY clamp—65mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 23cm working length, stainless steel, 12.75" (32cm)
CH7233-2	Thoracoscopic DeBAKEY clamp—100mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.25" (36cm)
CH7233-3	Thoracoscopic DeBAKEY clamp—100mm curved 2x3 DeBAKEY atraumatic jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.25" (36cm)
Thoracoscopic DeBAKEY clamp—tapered jaws	
CH7237	Thoracoscopic DeBAKEY clamp—115mm straight 1x2 DeBAKEY atraumatic tapered jaws, 10mm shaft, w/ratchet, 27cm working length, stainless steel, 14.75" (37.5cm)
CH7237-1	Thoracoscopic DeBAKEY clamp—110mm curved 1x2 DeBAKEY atraumatic tapered jaws, 10mm shaft, w/ratchet, 25.5cm working length, stainless steel, 14.5" (37cm)
VATS SEMB clamp	
CH1811	VATS SEMB clamp—140mm fully curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 31cm working length, w/ratchet, stainless steel, 15.5" (39.5cm)
Thoracoscopic LAMBERT-KAY clamp	
CH7352	Thoracoscopic LAMBERT-KAY clamp—curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, angled shanks, w/ratchet, 21cm working length, stainless steel, 12.25" (31cm)
VATS HARKEN clamp	
CH6475	VATS HARKEN #1 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, stainless steel, 14" (35.5cm)
CH6475-1	VATS HARKEN #1 clamp—95mm curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, w/ratchet, stainless steel, 14" (35.5cm)
CH6477	VATS HARKEN #2 clamp—95mm fully curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, stainless steel, 14" (35.5cm)
CH6477-1	VATS HARKEN #2 clamp—95mm fully curved 1x2 DeBAKEY atraumatic jaws, 10mm shaft, 25cm working length, w/ratchet, stainless steel, 14" (35.5cm)
MIS forceps	
CH5915	MIS CABG forceps—straight 1mm serrated jaws, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5916	MIS DeBAKEY forceps—straight 1mm jaws, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5916-1	MIS DeBAKEY forceps—straight 1mm jaws, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH5916-2	MIS DeBAKEY forceps—straight 2.8mm jaws, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5916-3	MIS DeBAKEY forceps—straight 2.8mm jaws, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
VATS dissector	
CH1778	VATS curved dissector—serrated jaws, 7mm shaft, 9.125" (23.3cm) working length, stainless steel, 13.25" (33.5cm)
CH1778-1	VATS curved dissector—serrated jaws, 7mm shaft, 9.125" (23.3cm) working length, w/ratchet, stainless steel, 13.25" (33.5cm)
CH1776	VATS right angle dissector—DeBAKEY/COOLEY serrated jaws, 10mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH1776-1	VATS right angle dissector—DeBAKEY/COOLEY serrated jaws, 10mm shaft, 9.5" (24cm) working length, w/ratchet, stainless steel, 13.5" (34cm)

VATS node grasping forceps	
CH9329	VATS node grasping forceps—straight 11mm oblong serrated jaws, 5mm shaft, w/ratchet, 9" (23cm) working length, stainless steel, 13" (33cm)
CH9329-1	VATS node grasping forceps—curved left 11mm oblong serrated jaws, 5mm shaft, w/ratchet, 9" (23cm) working length, stainless steel, 13" (33cm)
VATS FOERSTER forceps	
CH9323	VATS FOERSTER forceps—curved left 20mm oval serrated jaws, 10mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-1	VATS FOERSTER forceps—curved left 20mm oval serrated jaws, 10mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-2	VATS FOERSTER forceps—curved left 12mm oval serrated jaws, 7mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-3	VATS FOERSTER forceps—curved left 12mm oval serrated jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-4	VATS FOERSTER forceps—curved left 10mm oval serrated jaws, 7mm shaft, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
CH9323-5	VATS FOERSTER forceps—curved left 10mm oval serrated jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
VATS DUVAL clamp	
CH1595	VATS DUVAL clamp—curved left 15mm triangular serrated ring jaws, 10mm shaft, w/ratchet, 9.25" (23.5cm) working length, 13.5" (34cm)
CH1596	VATS DUVAL clamp—curved left 25mm triangular serrated ring jaws, 10mm shaft, w/ratchet, 9.25" (23.5cm) working length, 13.5" (34cm)
VATS ALLIS forceps	
CH1563	VATS ALLIS forceps—curved left 6mm wide jaws, 7mm shaft, w/ratchet, 9.5" (24cm) working length, stainless steel, 13.5" (34cm)
MIS needle holders	
CH2450	MIS needle holder—straight TC coated jaws, w/lock, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH2453-1	MIS needle holder—straight TC coated jaws, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH2455	MIS needle holder—straight jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH2455-1	MIS needle holder—straight jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH2450-1	MIS needle holder—curved TC coated jaws, w/lock, 3mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH2453-3	MIS needle holder—curved TC coated jaws, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH2455-2	MIS needle holder—curved jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH2455-3	MIS needle holder—curved jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH2465	MIS needle holder—straight RYDER jaws w/TC inserts, w/lock, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH2465-1	MIS needle holder—straight RYDER jaws w/TC inserts, w/lock, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH2467	MIS needle holder—straight TC coated jaws, w/lock, 5mm shaft, 6.5" (16.5cm) working length, stainless steel, 10.5" (26.5cm)

VATS heavy needle holders

CH2468	VATS heavy needle holders—straight heavy jaws w/TC inserts, 7mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
CH2468-1	VATS heavy needle holders—curved heavy jaws w/TC inserts, 7mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
CH2472	VATS X-heavy needle holders—straight X-heavy jaws w/TC inserts, 10mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)
CH2472-1	VATS X-heavy needle holders—curved X-heavy jaws w/TC inserts, 10mm shaft, w/ratchet, 21cm working length, stainless steel, 13.5" (34cm)

Knot tier/pushers

CH06162	Knot tier/pusher—5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH06162-1	Knot tier/pusher—5mm shaft, w/lock, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH06162-2	Knot tier/pusher—5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 15" (38cm)
CH06162-3	Knot tier/pusher—5mm shaft, w/lock, 10" (25cm) working length, round squeeze handle, stainless steel, 15" (38cm)

MIS scissors

CH5707	MIS scissors—curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5707-1	MIS scissors—curved blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH5707-2	MIS scissors—strongly curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5707-3	MIS scissors—strongly curved blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH5707-4	MIS scissors—full curved blades, 5mm shaft, 6.75" (17cm) working length, round squeeze handle, stainless steel, 11.75" (30cm)
CH5707-5	MIS scissors—full curved blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH5709	MIS scissors—45° angled blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)
CH5709-1	MIS scissors—125° angled blades, 5mm shaft, 10" (25cm) working length, round squeeze handle, stainless steel, 14" (35.5cm)

Thoracoscopic scissors

CH2029	Thoracoscopic METZENBAUM scissors—curved 3.5cm blades w/blunt tips, 10mm shaft, 7.75" (19.5cm) working length, stainless steel, 11.5" (29cm)
CH2022	Thoracoscopic dissecting scissors—curved 3cm blades w/blunt tips, 5mm shaft, 7.5" (19cm) working length, stainless steel, 11.5" (29cm)

Fan retractors

CH8128	Fan retractor—straight 5mm articulating shaft, 13" (33cm) working length, stainless steel, 19.5" (49.5cm)
CH8128-1	Fan retractor—straight 10mm articulating shaft, 13" (33cm) working length, stainless steel, 19.5" (49.5cm)

Clip appliers

CH2641	Clip applier—for use with small (yellow) Nexus clips, 5mm shaft, 6.75" (17cm working length), round squeeze handle, stainless steel, 11.75" (30cm)
CH2641-1	Clip applier—for use with medium (blue) Nexus clips, 5mm shaft, 6.75" (17cm working length), round squeeze handle, stainless steel, 11.75" (30cm)
CH0602	Nexus ligating clips—small (yellow), titanium (6 clips/cartridge, 20 cartridges/box)
CH0604	Nexus ligating clips—medium (blue), titanium (6 clips/cartridge, 20 cartridges/box)

Chest tube passers

CH04181	Chest tube passers—10mm curved shaft, 6.75" (17.5cm) working length, stainless steel, 9.75" (24cm)
CH04181-1	Chest tube passers—10mm curved shaft, 6.75" (17.5cm) working length, w/ratchet, stainless steel, 9.75" (24cm)
CH04181-2	Chest tube passers—10mm curved shaft, 11" (28cm) working length, stainless steel, 14" (35.5cm)
CH04181-3	Chest tube passers—10mm curved shaft, 11" (28cm) working length, w/ratchet, stainless steel, 14" (35.5cm)

Hooks

CH06167-1	Nerve and vessel hook—round handle, stainless steel, 13.75" (35cm)
CH06167-2	Vessel hook—round handle, stainless steel, 13.75" (35cm)
CH06167	Fine nerve and vessel hook—round handle, stainless steel, 13.75" (35cm)

Suture puller

CH06166	Suture puller—round handle, stainless steel, 13.75" (35cm)
---------	--

Blade holder

CH0705	Scalpel blade holder—round handle, stainless steel, 14.5" (37cm)
--------	--

Suction instruments—straight

CH8051	Suction instrument—straight 5mm tube, Yankauer handle, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
CH8051-1	Suction instrument—straight 5mm tube, Yankauer handle w/variable suction, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
CH8051-2	Suction instrument—straight 10mm tube, Yankauer handle, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)
CH8051-3	Suction instrument—straight 10mm tube, Yankauer handle w/variable suction, 12.5" (32cm) working length, stainless steel, 17.75" (45.5cm)

Suction instruments—curved

CH8201	Suction instrument—curved 3.2mm tube, Yankauer handle, 6.75" (17cm) working length, stainless steel, 12.25" (31cm)
CH8201-1	Suction instrument—curved 3.2mm tube, Yankauer handle w/variable suction, 6.75" (17cm) working length, stainless steel, 12.25" (31cm)
CH8201-2	Suction instrument—curved 3.2mm tube, Yankauer handle, 8.75" (22cm) working length, stainless steel, 14.25" (36cm)
CH8201-3	Suction instrument—curved 3.2mm tube, Yankauer handle w/variable suction, 8.75" (22cm) working length, stainless steel, 14.25" (36cm)

Brush sets

CH8202	Brush set for straight suction instrument—pack of 10 (for use with Wexler item # CH8051, CH8051-1, CH8051-2 and CH8051-3)
CH8202-1	Brush set for curved suction instrument—pack of 10 (for use with Wexler item # CH8201, CH8201-1, CH8201-2 and CH8201-3)

Sterilization trays

CH9323	Metal sterilization tray—single level w/3 silicone brackets, 10.5" x 21.5" x 2.5" (26.6 x 53.3 x 6.3cm)
CH9325-1	Metal sterilization tray—single level w/pin mat, 9.63" x 18", 10.5" x 21.5" x 2.5" (26.6 x 53.3 x 6.3cm)



To place an order or for more information, please contact your  
V. Mueller instrumentation Sales Representative or call **800.323.9088**.

CareFusion  
Waukegan, IL

[carefusion.com](http://carefusion.com)



© 2011 CareFusion Corporation or one of its subsidiaries. All rights reserved. MI-CT and V. Mueller are trademarks or registered trademarks of CareFusion Corporation or one of its subsidiaries. All other trademarks are property of their respective owners. VM3027 (1011/5000)