

# Instrument & Accessory Catalog

January 2019



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# 8 mm Instruments

## EndoWrist® Monopolar Cautery Instruments



### Hot Shears™ (Monopolar Curved Scissors)

Da Vinci Xi, X	10 Uses
Part #	470179
Shown with Tip Cover Accessory	400180



### Permanent Cautery Spatula

Da Vinci Xi, X	10 Uses
Part #	470184



### Permanent Cautery Hook

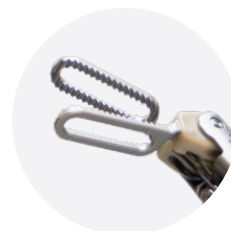
Da Vinci Xi, X	10 Uses
Part #	470183

## EndoWrist® Bipolar Cautery Instruments



### Maryland Bipolar Forceps

Da Vinci Xi, X	10 Uses
Part #	470172



### Fenestrated Bipolar Forceps

Da Vinci Xi, X	10 Uses
Part #	470205



### Curved Bipolar Dissector

Da Vinci Xi, X	10 Uses
Part #	470344



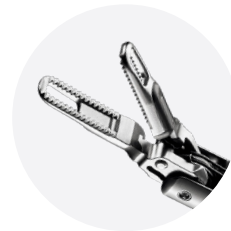
### Micro Bipolar Forceps

Da Vinci Xi, X	10 Uses
Part #	470171



### Long Bipolar Grasper

Da Vinci Xi, X	10 Uses
Part #	470400



### Force Bipolar

Da Vinci Xi, X	10 Uses
Part #	470405

# 8 mm Instruments

## EndoWrist® Clip Appliers



### Medium-Large Clip Applier<sup>1</sup>

Da Vinci Xi, X	100 Closures
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Part #	470327
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Validated for use only with Weck Hem-o-lok® medium-large polymer clip.	Weck product code #544230
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Shown with Weck Hem-o-lok medium-large polymer clip



### Large Clip Applier<sup>2</sup>

Da Vinci Xi, X	100 Closures
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Part #	470230
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Validated for use only with Weck Hem-o-lok® large polymer clip.	Weck product code #544240
---	---------------------------

Shown with Weck Hem-o-lok large polymer clip



### Small Clip Applier<sup>3</sup>

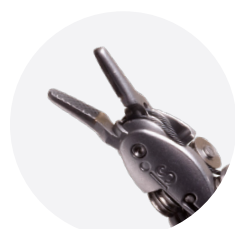
Da Vinci Xi, X	100 Closures
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Part #	470401
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Validated for use only with Weck Horizon small-wide titanium clip.	Weck product code #001201 or #001205
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Shown with Weck Horizon small-wide titanium clip

## EndoWrist® Needle Drivers



### Large Needle Driver

Da Vinci Xi, X	10 Uses
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Part #	470006
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### Mega SutureCut™ Needle Driver

Da Vinci Xi, X	10 Uses
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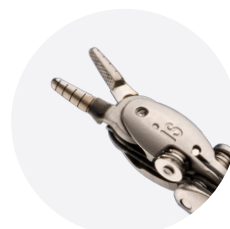
Part #	470309
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### Mega™ Needle Driver

Da Vinci Xi, X	10 Uses
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Part #	470194
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### Large SutureCut™ Needle Driver

Da Vinci Xi, X	10 Uses
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Part #	470296
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<sup>1</sup> Weck Hem-o-lok® medium-large polymer clip (Weck product code #544230) is the only compatible clip used with this instrument. To order, contact Teleflex Medical ([www.teleflex.com](http://www.teleflex.com)) or your local distributor.

<sup>2</sup> Weck Hem-o-lok® large polymer clip (Weck product code #544240) is the only compatible clip used with this instrument. To order, contact Teleflex Medical [www.teleflex.com](http://www.teleflex.com) or your local distributor.

<sup>3</sup> Weck Horizon™ small-wide titanium clip (Weck product code #001201 or #001205) is the only compatible clip used with this instrument. To order, contact TeleflexMedical [www.teleflex.com](http://www.teleflex.com) or your local distributor.

## 8 mm Instruments

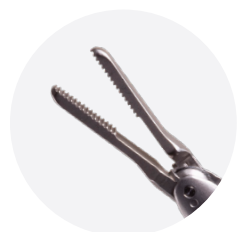
### EndoWrist® Graspers



#### ProGrasp® Forceps

Da Vinci Xi, X	10 Uses
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Part #	470093
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#### Long Tip Forceps

Da Vinci Xi, X	10 Uses
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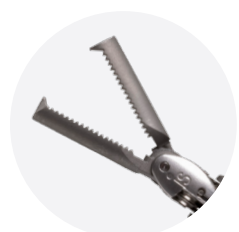
Part #	470048
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#### Small Graptor™ (Grasping Retractor)

Da Vinci Xi, X	10 Uses
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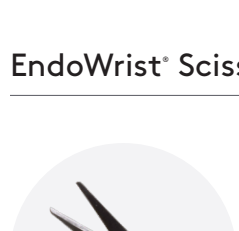
Part #	470318
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#### Cobra Grasper

Da Vinci Xi, X	10 Uses
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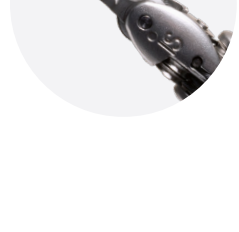
Part #	470190
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#### Tenaculum Forceps

Da Vinci Xi, X	10 Uses
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Part #	470207
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#### Tip-Up Fenestrated Grasper

Da Vinci Xi, X	10 Uses
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Part #	470347
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#### Cadriere Forceps

Da Vinci Xi, X	10 Uses
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Part #	470049
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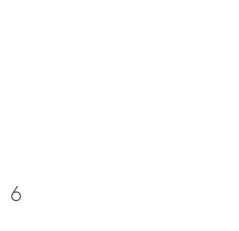
### EndoWrist® Scissors



#### Potts Scissors

Da Vinci Xi, X	10 Uses
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Part #	470001
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#### Round Tip Scissors

Da Vinci Xi, X	10 Uses
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Part #	470007
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# 8 mm Instruments

## Specialty Instruments



### Resano Forceps

Da Vinci Xi, X

10 Uses

Part # 470181



### Dual Blade Retractor

Da Vinci Xi, X

10 Uses

Part # 470249



### Cardiac Probe Grasper

Da Vinci Xi, X

10 Uses

Part # 470215

## Ultrasonic Energy Instruments



### Harmonic ACE® Curved Shears

Da Vinci Xi, X

Box of  
6/Single  
use

Part # 480275

## Vessel Sealers



### Vessel Sealer

Da Vinci Xi, X

Box of  
6/Single  
use

Part # 480322



### Atrial Retractor Short Right

Da Vinci Xi, X

10 Uses

Part # 470246



### Black Diamond Micro Forceps

Da Vinci Xi, X

15 Uses

Part # 470033



### DeBakey Forceps

Da Vinci Xi, X

10 Uses

Part # 470036

## Suction Irrigation



### EndoWrist® Suction Irrigator\*

Da Vinci Xi, X

Box of  
6/Single  
use

Part # 480299

\*This product requires software version  
P6\_B443 or newer.

## Vessel Sealer Extend



### Vessel Sealer Extend

Da Vinci Xi, X

Box of  
6/Single  
use

Part # 480422

# Da Vinci® Stapling Components

## EndoWrist Stapling Starter Kits

### EndoWrist Stapler System Starter Kit – 45 mm

Provides a total of 100 firings with 2 EndoWrist Stapler 45 instruments and includes the necessary training product. Reloads must be purchased separately.






ITEM CODE	QTY	PRODUCT DESCRIPTION
381251	2	EndoWrist Stapler 45 Instrument, reusable
	1	EndoWrist Stapler Sheath (Box of 10), disposable
	2	EndoWrist Stapler Cannula Kit, reusable
	1	12 mm & Stapler Cannula Seal (Box of 10), disposable
	2	12 – 8 mm Reducer (Box of 6), disposable
	1	EndoWrist Stapler In-Service Kit

### EndoWrist Stapler System Starter Kit without Cannula Kit – 45 mm



Provides a total of 100 firings with 2 EndoWrist Stapler 45 instruments and includes the necessary training product. Reloads must be purchased separately.

ITEM CODE	QTY	PRODUCT DESCRIPTION
381252	2	EndoWrist Stapler 45 Instrument, reusable
	1	EndoWrist Stapler Sheath (Box of 10), disposable
	1	12 mm & Stapler Cannula Seal (Box of 10), disposable
	2	12 - 8 mm Reducer (Box of 6), disposable
	1	EndoWrist Stapler In-Service Kit

## Stapler Instruments

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX	USES
	470298	EndoWrist Stapler 45 Instrument	1	50 firings
	470545	EndoWrist Stapler 45 Curved-Tip Instrument	1	50 firings
	470430	EndoWrist Stapler 30 Instrument	1	50 firings
	470530	EndoWrist Stapler 30 Curved-Tip Instrument	1	50 firings
	480460	SureForm™ 60 Instrument	6	Single Use



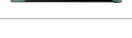
## EndoWrist Stapler Accessories

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX	USES
	410370	EndoWrist Stapler Sheath (Box of 10)	10	1 procedure
	381215	EndoWrist Stapler Release Kit	1	NA





# Da Vinci® Stapling Components

## Stapler Reloads

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX	USES
	48360W	Reload, SureForm 60, 2.5 White, 6-row	12	1 firing
	48360B	Reload, SureForm 60, 3.5 Blue, 6-row	12	1 firing
	48360G	Reload, SureForm 60, 4.3 Green, 6-row	12	1 firing
	48360T	Reload, SureForm 60, 4.6 Black, 6-row	12	1 firing
	48645W	Reload, EndoWrist 45, 2.5 White, 6-row	12	1 firing
	48645B	Reload, EndoWrist 45, 3.5 Blue, 6-row	12	1 firing
	48445G	Reload, EndoWrist 45, 4.3 Green, 4-row	12	1 firing
	48630M	Reload, EndoWrist 30, 2.0 Grey, 6-row	12	1 firing
	48630W	Reload, EndoWrist 30, 2.5 White, 6-row	12	1 firing
	48630B	Reload, EndoWrist 30 3.5, Blue, 6-row	12	1 firing
	48630G	Reload, EndoWrist 30, 4.3, Green, 6-row	12	1 firing

## 12 mm & Stapler Access System

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX	USES
	470443	<b>EndoWrist Stapler Cannula Kit</b> Includes: 1 - EndoWrist 12 mm & Stapler Cannula (100 mm) 1 - EndoWrist 12 mm & Stapler Blunt Obturator	1	NA
	470375	12 mm & Stapler Cannula (100 mm)	1	NA
	470376	12 mm & Stapler Blunt Obturator	1	NA
	470389	12 mm & Stapler Cannula, Long (150 mm)	1	NA
	470390	12 mm & Stapler Blunt Obturator, Long	1	NA
	470380	12 mm & Stapler Cannula Seal (Box of 10)	10	1 procedure
	470381	12 - 8 mm Reducer (Box of 6)	6	1 procedure
	470395	12 mm & Stapler Bladeless Obturator	1	NA
	470396	12 mm & Stapler Bladeless Obturator, Long	1	NA

## Da Vinci® Xi/X Accessories


### Da Vinci X® Drapes

ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
470015	Arm Drape (Box of 20)	20
470473	Arm-4 Extension Drape (Box of 20)	20

### Da Vinci Xi® Drapes

ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
470015	Arm Drape (Box of 20)	20
470341	Column Drape (Box of 20)	20

### Da Vinci Xi/X Hasson Cone

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	470398	8 mm Hasson Cone	1
	470399	12 mm Hasson Cone	1

### Da Vinci Xi/X Reuseable Accessories

ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
381216*	Da Vinci Xi/X Instrument Release Kit (IRK)	1
470397	Da Vinci Xi/X Gage Pin (Box of 3)	3
380989	Blue Fiber Cable Kit	1
342562	Instrument Introducer	1

\*Documentation is listed in English only.

Note: For other languages contact Customer Service. Documentation may not be available in all languages.

## Da Vinci® Xi/X Accessories

### Da Vinci Xi/X 8 mm Cannulas, Obturators, and Seals



	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	470361	5 mm - 8 mm Cannula Seal (Box of 10)	10
	470002	8 mm Cannula	1
	470004	8 mm Cannula, Long	1
	470008	8 mm Blunt Obturator	1
	470009	8 mm Blunt Obturator, Long	1
	470359	8 mm Bladeless Obturator (Optical) (Box of 6)	6
	470360	8 mm Bladeless Obturator, Long (Optical) (Box of 6)	6

### Da Vinci Xi/X 8 mm Disposable Instrument Accessories


	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	400180	Tip Cover Accessory (Box of 10)	10

## Da Vinci Xi/X Vision Equipment

### 8 mm Endoscopes



	ITEM CODE	PRODUCT DESCRIPTION
	470026	Da Vinci Xi/X Endoscope with Camera, 8 mm, 0°
	470027	Da Vinci Xi/X Endoscope with Camera, 8 mm, 30°

### Sterilization Tray



	ITEM CODE	PRODUCT DESCRIPTION
	400490	Da Vinci Xi/X Endoscope Sterilization Tray

## Energy Accessories






### Da Vinci Xi/X Energy Activation Cables

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	371716	Energy Activation Cable, Covidien, Force Triad	1
	371870	Energy Activation Cable, Ethicon, Gen 11	1

### Da Vinci Xi/X Energy Instrument Cords

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	470383	Monopolar Energy Instrument Cord (13 ft. / 4 m)	1
	470384	Bipolar Energy Instrument Cord (17 ft. / 5 m)	1

## Da Vinci® Simulation

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	373373	Da Vinci Xi/X Skills Simulator <sup>1</sup>	1
	381129	Blue Fiber Cable, Simulator	1
	372363	Simulator Skills Drills	1
	600092	Da Vinci SimNow Service and Benefits (annual)	1
	377773	Da Vinci SimNow Simulator	1

## Da Vinci Xi® Integrated Table Motion

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	600062	Integrated Table Motion Hardware and Software Upgrade <sup>1</sup>	1

<sup>1</sup> The TruSystem 7000dV table is sold and serviced by Trumpf Medical. To order, contact Trumpf Medical ([www.trumpfmedical.com](http://www.trumpfmedical.com)).

# Da Vinci® Xi/X Training Equipment

## Da Vinci Xi/X Training Instruments

ITEM CODE	PRODUCT DESCRIPTION	USES
470001-T	Potts Scissors	30
470006-T	Large Needle Driver	30
470033-T	Black Diamond Micro Forceps	30
470048-T	Long Tip Forceps	30
470093-T	ProGrasp™ Forceps	30
470347-T	Tip-Up Fenestrated Grasper	30
470171-T	Micro Bipolar Forceps	30
470400-T	Long Bipolar Grasper	30
470172-T	Maryland Bipolar Forceps	30
470179-T	Hot Shears™ (Monopolar Curved Scissors) <sup>1,2</sup>	30
470181-T	Resano Forceps	30
470183-T	Permanent Cautery Hook	30
470184-T	Permanent Cautery Spatula	30
470205-T	Fenestrated Bipolar Forceps	30
470405-T	Force Bipolar	30
470207-T	Tenaculum Forceps	30
470309-T	Mega SutureCut™ Needle Driver	30
470215-T	Cardiac Probe Grasper	30
470230-T	Large Clip Applier <sup>3</sup>	200 Closures
470249-T	Dual Blade Retractor	30
470318-T	Small Graptor™ (Grasping Retractor)	30
470246-T	Atrial Retractor Short Right	30
470344-T	Curved Bipolar Dissector	30
470327-T	Medium-Large Clip Applier <sup>4</sup>	200 Closures
470007-T	Round Tip Scissors	30
470049-T	Cadiere Forceps	30
470296-T	Large SutureCut Needle Driver	30
470194-T	Mega Needle Driver	30
470190-T	Cobra Grasper	30
470401-T	Small Clip Applier <sup>5</sup>	200 Closures
470036-T	Debakey Forceps	30

<sup>1</sup> Requires Tip Cover Accessory (PN 400180) for use <sup>2</sup>Requires in-service prior to first use, please contact your local Intuitive Surgical Representative <sup>3</sup>Compatible with Weck Hem-o-lok® Large Polymer Clips. Weck product code #544240 <sup>4</sup>Compatible for use with Weck Hem-o-lok® medium-large polymer clip. Weck product code #544230 <sup>5</sup>Compatible for use with Weck Horizon small-wide titanium clip. Weck product code #001201 or #001205

Notes: (a) Training instruments are not approved for human use. (b) Training instruments can be readily identified by the red instrument housing. (c) Red instrument icons persist on the monitors when a training instrument is loaded onto the system. (d) The training instrument warranty covers only defects in manufacturing. Upon first use, the warranty expires.

## Recommended Spares and Equipment

ITEM CODE	PRODUCT DESCRIPTION
See Page 10	Da Vinci Xi/X Endoscope with Camera
380989	Blue Fiber Cable Kit
See Pages 3-6	EndoWrist® Instruments
See Page 9	Instrument Cannula
381216	Da Vinci Xi/X Instrument Release Kit (IRK) (Item provided free of charge)
470397	Da Vinci Xi/X Gage Pin (Set of 3) (Item provided free of charge)

## Da Vinci® Xi/X System Documentation

ITEM CODE	PRODUCT DESCRIPTION
381226	Da Vinci Xi/X Documentation Kit
552271	Harmonic ACE Curved Shears Addendum
554021	Da Vinci X User Manual
553873	Da Vinci Xi/X Instruments & Accessories Manual
553459	Instruments & Accessories Addendum
553707	EndoWrist Stapler 45 Curved-Tip Instruments and Accessories User Manual Addendum
553955	Da Vinci X Storage Addendum
553547	Endoscope User Manual Addendum
553550	Endoscope Reprocessing Instructions Addendum
553276	Bladeless Obturator (Optical) addendum
553477	Hasson Cone Addendum
554070	Force Bipolar User Manual Addendum
554738	Reprocessing Addendum
470600	<b>Cleaning and Sterilization Kit</b> Includes: <ul style="list-style-type: none"> <li>• Reprocessing Instructions</li> <li>• Instruments and Accessories Reprocessing Wall Chart</li> <li>• Endoscope Reprocessing Wall Chart</li> <li>• Luer Fitting for Flushing</li> <li>• Pipe-to-Hose Adapter</li> <li>• Brush with soft, nylon bristles</li> <li>• Tip Cover Insertion/Removal Tool for Monopolar Curved Scissors (Qty. 5)</li> </ul>

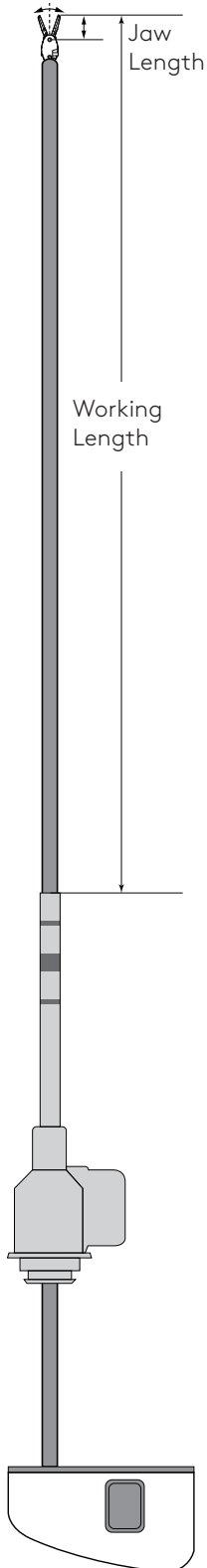
Documentation is listed in English only.

Note: For other languages contact Customer Service. Documentation may not be available in all languages.

\*Software specification. Actual open angle may vary due to wrist angle or anatomic restrictions.

# Da Vinci® Xi/X 8 mm EndoWrist® Instrument Specifications

Jaw Open Angle  
from Centerline



DA VINCI XI ITEM CODE	NUMBER OF USES	INSTRUMENT NAME	JAW OPEN ANGLE (DEG)*	JAW LENGTH (CM)	WORKING LENGTH (CM)
<b>EndoWrist Monopolar Cautery Instruments</b>					
470179	10	Hot Shears™ (MCS)	29	1.3	31.75
470183	10	Permanent Cautery Hook	N/A	1.6	32.26
470184	10	Permanent Cautery Spatula	N/A	1.7	32.26
<b>EndoWrist Bipolar Cautery Instruments</b>					
470172	10	Maryland Bipolar Forceps	45	2.0	32.77
470400	10	Long Bipolar Grasper	70	2.2	32.91
470205	10	Fenestrated Bipolar Forceps	45	2.1	32.77
470171	10	Micro Bipolar Forceps	45	1.4	32.00
470344	10	Curved Bipolar Dissector	45	2.2	33.02
470405	10	Force Bipolar	42	2.8	33.58
480322	1	Vessel Sealer	40	2.1	32.10
480422	1	Vessel Sealer Extend	40	2.05	32.10
<b>EndoWrist Needle Drivers</b>					
470006	10	Large Needle Drive	30	1.0	31.50
470309	10	Mega™ SutureCut™ Needle Driver	40	1.4	31.75
470296	10	Large SutureCut Needle Driver	38	1.1	31.50
470194	10	Mega Needle Driver	30	1.3	31.75
<b>EndoWrist Graspers</b>					
470093	10	ProGrasp™ Forceps	55	2.8	33.53
470207	10	Tenaculum Forceps	75	3.0	32.77
470347	10	Tip-Up Fenestrated Grasper	60	3.2	32.77
470048	10	Long Tip Forceps	30	2.0	32.51
470318	10	Small Graptor™ (Grasping Retractor)	60	4.5	32.26
470049	10	Cadiere Forceps	30	2.0	32.77
470190	10	Cobra Grasper	60	2.0	32.51
<b>EndoWrist Scissors</b>					
470001	10	Potts Scissors	22	1.1	31.50
470007	10	Round Tip Scissors	30	1.1	31.50
<b>Clip Appliers</b>					
470230	100	Large Clip Applier	55	2.4	33.27
470327	100	Medium-Large Clip Applier	55	2.1	32.77
470401	100	Small Clip Applier	30	1.1	31.75
<b>Specialty Instruments</b>					
470181	10	Resano Forceps	30	1.1	31.75
470246	10	Atrial Retractor (Short Right)	70	4.8	33.27
470249	10	Dual Blade Retractor	70	4.8	33.27
470215	10	Cardiac Probe Grasper	60	1.7	32.26
470033	15	Black Diamond Micro Forceps	30	1.0	31.50
470036	10	DeBakey Forceps	30	1.2	30.99
<b>Suction Irrigation</b>					
480299	1	Suction Irrigator	N/A	1.2	32.48
<b>Ultrasonic Energy</b>					
480275	1	Harmonic ACE 8 mm Curved Shears	N/A	2.2	26.84

\*Software specification. Actual open angle may vary due to wrist angle or anatomic restrictions.

# 5 mm Single-Site<sup>®</sup>

Instruments & Accessories



# Single-Site® 5 mm Instruments



## Maryland Dissector

Da Vinci Xi, X	10 Uses
Part #	478050



## Medium-Large Clip Applier

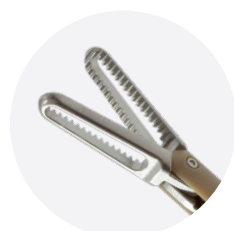
Da Vinci Xi, X	80 Closures
Part #	478053

Validated for use with Weck Hem-o-lok® medium-large polymer clip. Weck product code #544230



## Suction Irrigator

Da Vinci Xi, X	20 Uses
Part #	478054



## Cadierre Forceps/Grasper

Da Vinci Xi, X	10 Uses
Part #	478055



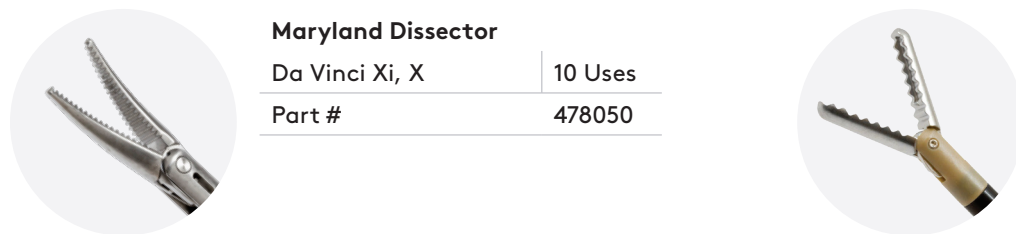
## Curved Scissors

Da Vinci Xi, X	7 Uses
Part #	478057



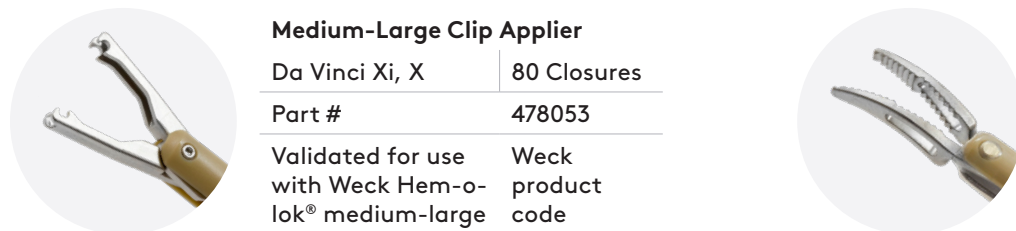
## Fundus Grasper

Da Vinci Xi, X	10 Uses
Part #	478058



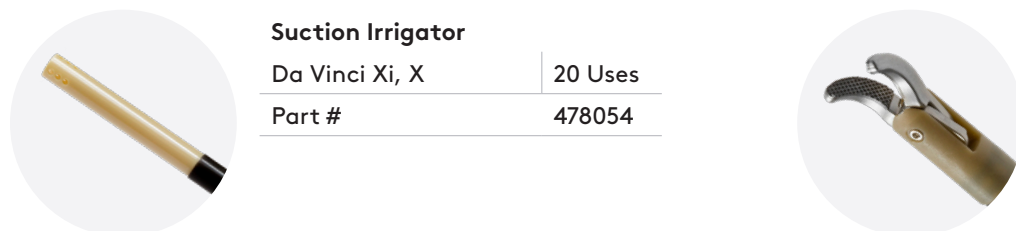
## Crocodile Grasper

Da Vinci Xi, X	10 Uses
Part #	478059



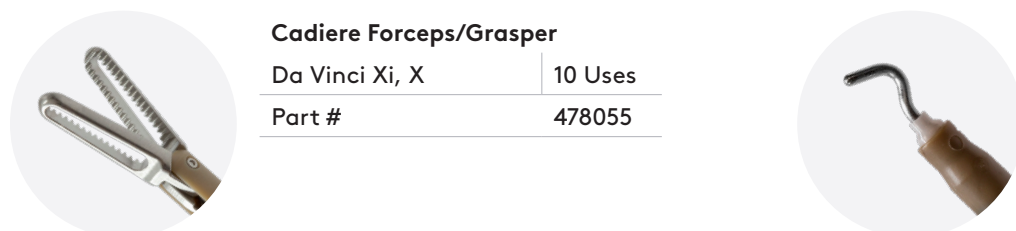
## Maryland Bipolar Forceps

Da Vinci Xi, X	Box of 6/Single use
Part #	478080



## Curved Needle Driver

Da Vinci Xi, X	10 Uses
Part #	478088



## Permanent Cautery Hook

Da Vinci Xi, X	10 Uses
Part #	478090



## Fenestrated Bipolar Forceps

Da Vinci Xi, X	Box of 6/Single use
Part #	478093















## Wristed Needle Driver

Da Vinci Xi, X	10 Uses
Part #	478115



# Da Vinci® Xi/X Single-Site® Reusable Accessories

## Single-Site Cannulae and Obturators

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	478263	8 mm Camera Cannula	1
	478008	8 mm Blunt Obturator	1
	478013	5 mm Blunt Obturator	1
	478060	5 mm Accessory Cannula	1
	478061	5 x 300 mm Curved Cannula, Camera Right	1
	478062	5 x 300 mm Curved Cannula, Camera Left	1
	428064	5 x 300 mm Flexible Blunt Obturator	1
	478071	5 x 250 mm Curved Cannula, Camera Right	1
	478072	5 x 250 mm Curved Cannula, Camera Left	1
	428074	5 x 250 mm Flexible Blunt Obturator	1
	428076	10 mm Accessory Cannula	1
	428084	10 mm Blunt Obturator	1

# Da Vinci Xi/X Single-Site Disposable Accessories

## Single-Site Seal and Port

	ITEM CODE	PRODUCT DESCRIPTION	QTY/BOX
	478161	Da Vinci Xi® Single-Site® Seal (Instruments + Camera) (Box of 10)	10
	478065	Single-Site Port (for 8.5 mm Endoscope) (Box of 10)	10

## Da Vinci® Xi/X Single-Site® Training Instruments

DA VINCI XI	PRODUCT DESCRIPTION	UNITS/BOX	USES
478050-T	5 mm Maryland Dissector	1	30
478053-T	5 mm Hem-o-lok® Medium-Large Clip Applier	1	100
478054-T	5 mm Suction Irrigator	1	50
478055-T	5 mm Cadiere Forceps	1	30
478057-T	5 mm Curved Scissors	1	15
478058-T	5 mm Fundus Grasper	1	20
478059-T	5 mm Crocodile Grasper	1	20
478088-T	5 mm Curved Needle Driver	1	20
478090-T	5 mm Permanent Cautery Hook	1	20
478115-T	5 mm Wristed Needle Driver	1	20

## Da Vinci Xi/X Single-Site Instrument Specifications

DA VINCI XI/X ITEM CODE	NUMBER OF USES	INSTRUMENT NAME	JAW OPEN ANGLE (DEG)*	JAW LENGTH (CM)	WORKING LENGTH, 250 MM CANNULE (CM)†	WORKING LENGTH, 300 MM CANNULA (CM)†
<b>Single-Site Monopolar Cautery Instruments</b>						
478090	10	Permanent Cautery Hook	N/A	N/A	14.9	19.9
<b>Single-Site Bipolar Cautery Instruments</b>						
478080	1	Maryland Bipolar Forceps	45	1.8	15.5	20.5
478093	1	Fenestrated Bipolar Forceps	39	1.9	15.5	20.5
<b>Single-Site Needle Drivers</b>						
478088	10	Curved Needle Driver	35	1.0	14.6	19.6
478115	10	Wristed Needle Driver	27	0.9	16.1	21.1
<b>Single-Site Graspers</b>						
478050	10	Maryland Dissector	53	1.8	15.5	20.5
478055	10	Cadiere Forceps	57	1.9	15.5	20.5
478058	10	Fundus Grasper	57	1.9	15.5	20.5
478059	10	Crocodile Grasper	57	1.9	15.5	20.5
<b>Single-Site Scissors</b>						
478057	7	Curved Scissors	42	1.3	15.3	20.3
<b>Single-Site Clip Appliers</b>						
478053	80	Medium-Large Clip Applier	36	1.5	15.0	20.0
<b>Single-Site Specialty Instruments</b>						
478054	20	Suction Irrigator	N/A	N/A	15.5	20.5

\*Software specification. Actual open angle may vary due to wrist angle or anatomic restrictions.

†Indicates instrument length from the distal end of the cannula to the instrument tip

## Common Carton Dimensions and Weights

ITEM	ITEM CODE	OUTSIDE DIMENSIONS	AVERAGE WEIGHT
Vessel Sealer	480322	28.75" x 6" x 2.875" 73 cm x 15.24 cm x 7.3 cm	1.28 lbs 0.58 kg
Harmonic ACE Curved Shears	480275		
Seals	470361	10.375" x 3.75" x 4.3125" 26.35 cm x 9.53 cm x 10.95 cm	0.88 lbs 0.4 kg
	470380		0.93 lbs 0.42 kg
Tip Cover	400180	9.4" x 3.4" x 3" 23.876 cm x 8.636 cm x 7.62 cm	0.4 lbs 0.18 kg
Cannula	470002	14" x 5.5" x 4" 35.56 cm x 13.97 cm x 10.16 cm	0.8 lbs 0.36 kg
	470004		
Obturators	470008	14" x 5.5" x 4" 35.56 cm x 13.97 cm x 10.16 cm	0.7 lbs 0.31 kg
	470009		
Bladeless Obturators	470359	13" x 4.5" x 11.1875" 33.02 cm x 11.43 cm x 28.416 cm	2.006 lbs 0.91 kg
	470360		2.025 lbs 0.92 kg
Drapes	470015	21" x 19" x 10.5" 53.34 cm x 48.26 cm x 26.67 cm	21 lbs 9.5 kg
	470341	14" x 6.5" x 5" 35.56 cm x 16.51 cm x 12.7 cm	3.7 lbs 1.7 kg
EndoWrist Stapler 45 Instrument	470298	31" x 6" x 2.875" 78.74 cm x 15.24 cm x 7.30 cm	2.28 lbs 1.03 kg
EndoWrist Stapler 30 Instrument	470430	31" X 5.75" X 2.75"	2.40 lbs 1.08 kg
EndoWrist Stapler 30 Curved-Tip Instrument	470530	31" X 5.75" X 2.75"	2.40 lbs 1.08 kg

## Common Carton Dimensions and Weights

ITEM	ITEM CODE	OUTSIDE DIMENSIONS	AVERAGE WEIGHT
EndoWrist Stapler 30 mm Gray Reload	48630M-02	7.25" x 6.00" x 6.50"	1.10 lbs 0.5 kg
EndoWrist Stapler 30 mm White Reload	48630W-02		
EndoWrist Stapler 30 mm Blue Reload	48630B-02		
EndoWrist Stapler 30 mm Green Reload	48630G-02		
EndoWrist Stapler 45 mm White Reload	48645W-03	7.25" x 6.00" x 6.50"	1.10 lbs 0.5 kg
EndoWrist Stapler 45 mm Blue Reload	48645B-03		
EndoWrist Stapler 45 mm Green Reload	48445G-03		
Sterilization Tray	400490	28.5" x 20.2" x 7.3" 72 cm x 51 cm x 19 cm	8.8 lbs 4.0 kg
Energy Instrument Cords	470383	9.625" x 6.3125" x 1.25" 24.45 cm x 16.03 cm x 3.175 cm	0.5 lbs 0.23 kg
	470384		0.57 lbs 0.26 kg
Hasson Cones	470398	14" x 5.5" x 4" 35.56 cm x 13.97 cm x 10.16 cm	1.7 lbs 0.77 kg
	470399		1.8 lbs 0.8 kg
<b>Instruments:</b> Needle Drivers, Scissors, Forceps, Graspers and Clip Appliers, etc.	Most	27" x 3.5" x 2" 68.58 cm x 5.08 cm x 8.9 cm	1.08 lbs 0.49 kg

# Ordering and Terms\*

## ORDERING METHODS

### Purchase Orders accepted:

**EDI (preferred)** Global Health Exchange (GHX)

**Fax** 408.523.2377

**E-mail** ordersupport@intusurg.com

**Customer Support** 800.876.1310

## TERMS

**Payment Terms** Net 30 Days

**Delivery** Estimated 2-Day standard delivery. FedEx is an Intuitive preferred courier.

Standard Shipping Terms: FCA Intuitive warehouse (Incoterms 2010).

All orders are subject to inventory availability.

Advanced instrumentation will be delivered upon Customer's completion of the advanced instrument training verification.

A \$9.95 handling charge will be applied to customer-routed shipments. A customer-routed shipment is when the customer requests that their order be shipped on their own FedEx or UPS shipping account, and not on Intuitive's FedEx account. The handling charge supports the additional costs related to order fulfillment of customer-designated carrier shipments.

**Price Policy** Pricing subject to change without notice, applicable taxes, and via freight charges may apply.

**Return Goods Policy** All returns are authorized through Intuitive Customer Service. Please call toll free at 800.876.1310 to obtain a Return Material Authorization number (RMA#). Upon issuance of the RMA#, Customer Service will send the Customer a PDF of the Prepaid RMA Return Shipping label along with an RMA notification email. The Customer must print the Prepaid RMA Return Shipping label, affix it to the package, and call for a FedEx pickup or drop off the defective return at a FedEx location. All returned items must be accompanied with a valid RMA# and are requested to be received within 14 days of issuance or the RMA could be subject to cancellation. Intuitive Surgical will prepay for the return of the defective instruments.

### Defective returns

- Upon identification of a defective instrument, please call Intuitive Customer Service within 5 days.
- Prior to returning to Intuitive, items must be cleaned and decontaminated in accordance with current local environmental safety laws and standards.

### Excess returns

- Items are required to be in the original packaging with no markings, seals intact, and to have been purchased within the last 12 months.
- Package excess returned inventory in a separate shipping container to prevent damage to original product packaging.

**Credit Policy** Intuitive will issue credit against original purchase order after full inspection is complete.

### Credit for defective returns

- Intuitive will issue credit on products based on failure analysis performed and individual warranty terms.
- For instruments, credit will be issued for the remaining lives, plus one additional life to compensate for usage at the time the issue was identified.
- Evidence of negligence, misuse and mishandling will not qualify for credit.

### Credit for excess-inventory returns

- Excess-inventory returns will be valued at the invoice price.
- Original packaging must be unmarked, undamaged and seals intact to qualify for credit.

### Credit will be issued based on the following conditions

- Products that were shipped less than 12 months prior to return request.
- If the original package is intact.
- If the product is within expiration date.

Intuitive will retain all returned product.

**Warranty** **Warranties are applied for manufacturing defects**

- Endoscope, Camera, and Simulator – 1 year warranty
- Accessories – 90 day warranty
- Instruments – see above for credit terms

# Ordering and Terms\* (continued)

## Use of Simulator

Customer will ensure the proper use of the Simulator consistent with the Documentation, and Customer will ensure the proper management and supervision of the Simulator. Customer will not, nor will Customer permit any third party to, modify, disassemble, reverse engineer, alter, or misuse the Simulator. Prohibited actions include, but are not limited to: (1) adding or subtracting any Customer or third party equipment, hardware, firmware, or software to or from the Simulator, or (2) reconfiguring any of the Intuitive equipment, hardware, firmware, or software as originally provided to Customer as part of the Simulator without Intuitive's express written permission.

## Data Use

Customer agrees that Intuitive and its affiliates within the Intuitive Surgical group of companies (collectively, "Intuitive") may collect data relating to the use of Intuitive products ("Data"). In some instances Data may be communicated via data gathering or transmission technology to Intuitive. In other instances, Intuitive may request Customer and Customer agrees to provide Data to Intuitive. Such Data may be used for a variety of purposes, including, but not limited to (1) providing support and preventative maintenance of Intuitive products, (2) improving Intuitive products or services, (3) ensuring compliance with applicable laws and regulations, and (4) providing a general resource for Intuitive's research and business development. Intuitive does not intend to collect protected health information (PHI) as defined by the Health Insurance Portability and Accountability Act of 1996 (HIPAA) or analogous foreign patient privacy laws or regulations, as may be amended from time to time. In the event any Data communicated to Intuitive identifies an entity or individual, Intuitive will not share such Data with any third parties without the entity's or individual's consent, unless required by law or regulatory authorities.

## Software License and Restrictions

Software embedded within the Simulator is provided under license and is not sold to Customer. Subject to the terms and conditions of this Agreement, Intuitive grants to Customer a non-exclusive, non-transferable, fully paid, restricted use license to use the Software solely as incorporated in the Simulator in machine-executable object code form and solely in connection with the operation of the Simulator as described in the Documentation. Customer must not use, copy, modify, or transfer the Software or any copy thereof, in whole or in part, except as expressly provided in this Agreement. In addition, Customer must not reverse engineer, decompile, disassemble, attempt to derive the source code for, or otherwise manipulate the Software, except that manipulation of the Software is permitted if, and then only to the extent that, the foregoing prohibition on manipulation is required to be modified by applicable law. In that case, Customer must first request from Intuitive the information to be sought from the Software, and Intuitive may, in its discretion, provide information to Customer under good faith restrictions and impose reasonable conditions on use of the Software. The structure and organization of the Software are valuable trade secrets of Intuitive and Customer will protect the Software as Intuitive's Proprietary Information. Intuitive reserves all rights to the Software not expressly granted to Customer.

## Networking Requirements

Purchased equipment may require a network connection in order to achieve full functionality. Customer acknowledges that when Simulator is in use, Customer is responsible for maintaining an active network connection to Intuitive Simulator infrastructure as specified in the Simulator's network requirements, for the purpose of supporting all subscriptions services such as, latest simulation updates, OS patches, anti-virus updates, data backup and user account management capabilities. Customer is responsible for the security of the Simulator and the security of the internal network to which the Simulator is configured. Intuitive reserves the right to change, add, or remove functionalities or features at any time.

## Information Security

Customer is responsible for maintaining the confidentiality of its username(s), password(s), account(s), as well as all activities that occur under that account(s) and both the physical and cyber-security of the Simulator.

Any term or condition contained in your purchase order or similar forms which is different from, inconsistent with, or in addition to these terms shall be void and of no effect unless agreed to in writing and signed by your authorized representative and an authorized representative of Intuitive.

\*Ordering, terms and conditions are subject to revision.

For questions please contact Customer Service at 800.876.1310, Option 3

## NOTES



## NOTES

**For more information or to order, call Intuitive Surgical toll-free.**

For the name of your local distributor, call Intuitive Surgical or visit [www.intuitive.com](http://www.intuitive.com).

Call 1.800.876.1310 (toll-free)

Some products in the catalog may not be available in all countries.

### **Important Safety Information**

For Important Safety Information, indications for use, risks, full cautions and warnings, please refer to <http://www.davincisurgery.com/safety> and [www.intuitivesurgical.com/safety](http://www.intuitivesurgical.com/safety). © 2019 Intuitive Surgical, Inc.

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