

Instrument focus catalog



Securos Surgical®
AmerisourceBergen

02 Securos veterinary surgical instruments

Securos Surgical offers a complete line of premium quality German stainless steel surgical instruments designed and selected with the veterinary surgeon in mind. These instruments are manufactured by German craftsmen with the utmost care and impeccable quality control practices to ensure that you are satisfied with your instruments for years to come.

Securos Surgical Instruments are offered in a great variety of sizes, lengths and design options. Our instruments are manufactured using a 400 Series corrosion resistant German stainless steel. High quality raw materials result in instruments that are precise, strong and stay sharp, procedure after procedure.

Our selection of surgical instruments includes but is not limited to; scissors, needle holders, hemostatic and grasping forceps, scalpel handles and blades, ophthalmic instruments and dental instruments. We also offer a selection of left-handed surgical instruments.

Our instruments are backed by a lifetime warranty against manufacturers defects and workmanship, when used under normal conditions for its intended surgical purpose. In the event that an instrument is defective, Securos will—at its sole discretion—either repair or replace the instrument. We will also sharpen, align and refurbish our instruments for the lifetime of the instrument at no charge.

Securos Surgical takes pride in our ability to offer premium quality instruments, with an exceptional warranty and unmatched repair services at a desirable price point.



Orthopedics

Developed from the insights of practicing veterinary surgeons

Instruments

Performance you can feel the moment each instrument reaches your hand

Sutures

Premium quality at price points that drive your success

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With you for life ...

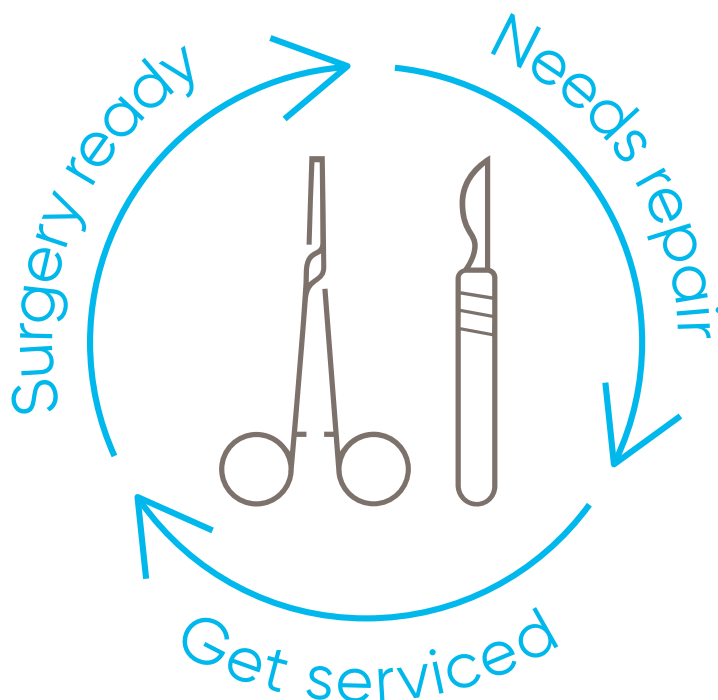
Securos premium quality surgical instruments are an investment in your practice

- Premium quality surgical instruments—German-made
- Customer service—valuable assistance
- Cost of ownership—the value of your Securos purchase
- Product offering—general, dental, ophthalmic, left-handed instruments, and more
- Instrument packs available to be customized

Solutions for your practice needs

Did you know we offer?

- Purchasing solutions—New practice program
- Instrument servicing—free lifetime maintenance and repairs of Securos branded instruments
- Instrument organization—color marking services and organizational trays



04-05

Surgical packs

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Surgical packs

Let Securos take the guess work out of your surgical pack needs. Our pre-assembled surgical packs are designed for use in a variety of surgical procedures. We also offer the ability to custom-build your own packs and would be happy to assist you in selecting the instruments that will best suit your practice needs.



General surgery pack

- 033446** General surgery pack with instrument tray

- 048690** General surgery pack without instrument tray

Items included

MWI #	Description	Length	Qty
042167	Scalpel handle no. 3	5"	1
033439	Mayo scissors, straight	6.75"	1
033388	Metzenbaum scissors, curved	7"	1
033384	Adson brown forceps, 7x7 teeth	4.75"	1
033382	Halsted mosquito forceps, curved	5"	3
033389	Rochester Carmalt forceps, curved	6.25"	4
042164	Snook hook	8"	1
039506	Backhaus towel clamp	5.25"	4
033397	Kelly forceps, straight	5.5"	2
033385	Olsen Hegar needle holder, TC	6.5"	1
098699	Instrument sterilization tray with brackets (not included in 048690)	15" x 9" x 2"	1



Canine spay pack

033443	Canine spay pack with instrument tray
048691	Canine spay pack without instrument tray

Items included

MWI #	Description	Length	Qty
042167	Scalpel handle no. 3	5"	1
033439	Mayo scissors, straight	6.75"	1
033388	Metzenbaum scissors, curved	7"	1
033384	Adson brown forceps, 7x7 teeth	4.75"	1
033382	Halsted mosquito forceps, curved	5"	4
033389	Rochester carmalt forceps, curved	6.25"	2
042164	Snook hook	8"	1
033392	Backhaus towel clamp	3.5"	4
039504	Allis tissue forceps, 4x5 teeth	6"	1
039515	Thumb tissue forceps, narrow, 1x2 teeth	5.5"	1
033397	Kelly forceps, straight	5.5"	2
033385	Olsen Hegar needle holder, TC	6.5"	1
098599	Instrument tray with brackets (not included in 048691)	15" x 9" x 2"	1



Feline spay pack

033445	Feline spay pack with instrument tray
048635	Feline spay pack without instrument tray

Items included

MWI #	Description	Length	Qty
042167	Scalpel handle no. 3	5"	1
033439	Mayo scissors, straight	6.75"	1
033388	Metzenbaum scissors, curved	7"	1
033384	Adson brown forceps, 7x7 teeth	4.75"	1
033382	Halsted mosquito forceps, curved	5"	2
033389	Rochester carmalt forceps, curved	6.25"	2
042164	Snook hook	8"	1
033392	Backhaus towel clamp	3.5"	4
039504	Allis tissue forceps, 4x5 teeth	6"	1
039515	Thumb tissue forceps, narrow, 1x2 teeth	5.5"	1
033397	Kelly forceps, straight	5.5"	2
033385	Olsen Hegar needle holder, TC	6.5"	1
098699	Instrument tray with brackets (not included in 048635)	15" x 9" x 2"	1

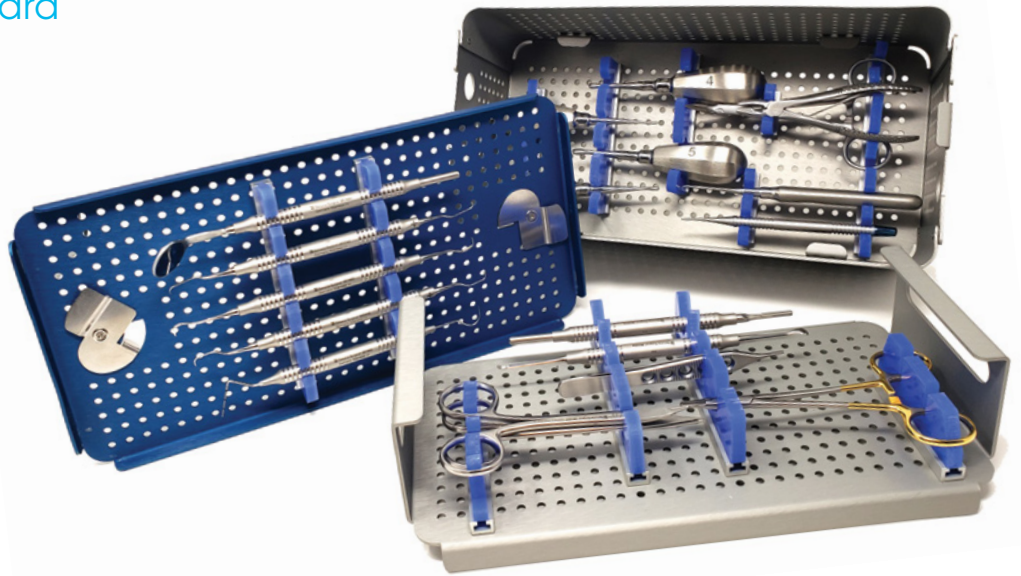




TriDenta System

Simple, straightforward
and easy to use

The TriDenta System allows the veterinarian to perform oral exams and complete simple and surgical extractions on both canine and feline patients. The TriDenta complete kit with tray includes periodontal, flap, and extraction instruments in one compact, autoclavable tray. Each of the modules are organized by procedure in the three level sterilization case to allow for maximum efficiency.



#111796 TriDenta complete kit with tray

Designed for Veterinarians by a Veterinarian

- Ergonomic instruments for precision and control in even the most delicate areas
- Delicate micro thumb forceps allow for minimal trauma to gingiva and mucosa tissues
- Innovative flap scissors have a blunt, narrow tip for safely dissecting gingival tissue
- Curettes have easily identified sharp and dull edges
- Elevators fit comfortably in the palm and feature large markings for easy identification
- Delicate pen luxator designed for easier feline extractions
- Specialized instruments for complete removal of both teeth and roots

TriDenta Complete kit with tray

MWI #111796

Items included

MWI #	Description
111794	TriDenta Flap kit without tray (instruments fit in middle tray)
111820	TriDenta Periodontal kit without tray (instruments fit in cover of tray)
111821	TriDenta Root kit without tray (instruments fit in bottom of tray)
111274	TriDenta instrument tray with brackets 6x5x13" (cover, middle tray and bottom)

TriDenta instrument kits

Flap kit without tray

MWI# 111794

Items included

MWI #	Description	Length	Qty
061613	Scalpel handle round #3	6.25"	1
061654	SlimLine Molt elevator 2/4	6.75"	1
061655	Micro thumb forceps 1x2	4.75"	1
061656	Goldman-Fox scissors, straight	5"	1
061657	Delicava flap scissors, curved	4.5"	1
061658	Ryder needle holder TC	5"	1



Periodontal kit without tray

MWI# 111820

Items included

MWI #	Description	Length	Qty
061662	Periodontal probe #23/UNC15	6.25"	1
061663	Jacquette scaler #30/33	6.5"	1
045418	Gracey curette large #1/2	6.75"	1
061742	Gracey curette small #1/2	6.75"	1
061664	Mouth mirror handle	5.25"	1
061665	Mega mouth mirror 22mm #4	1.75"	1



Root elevator kit without tray

MWI# 111821

Items included

MWI #	Description	Length	Qty
061667	Root tip pick	6"	1
061668	Feline luxator 1.5mm	5.5"	1
045460	Winged elevator 2mm	4.75"	1
045461	Winged elevator 3mm	4.75"	1
045462	Winged elevator 4mm	4.75"	1
045463	Winged elevator 5mm	4.75"	1
061661	Vet extraction forceps	4.5"	1
104927	Root fragment forceps, 45 degree angle	5.25"	1





Eye packs

Starter eye pack

- 048906** German starter eye pack
- 049687*** German starter eye pack with case

Items included

MWI #	Description	Length	Qty
045314	Derf needle holder	4.75"	1
045007	Bishop harmon forceps, 1x2 teeth delicate	3.25"	1
043923	Barraquer wire eye speculum, blades 10.5mm	1.5"	1
045071	Stevens tenotomy scissors, curved	4.25"	1
045620*	Sterilization tray with mat	8" x 4.75" x 1.25"	1



*Starter Pack #049687 shown with tray

Advanced eye pack

- 055135** German advanced eye pack
- 049686*** German advanced eye pack with case

Items included

MWI #	Description	Length	Qty
031033	Beaver® microsurgical blade handle	4"	1
045007	Bishop harmon forcep, 1x2 teeth, delicate	3.25"	1
045359	Desmarres chalazion forceps, 20mm wide	3.5"	1
045071	Stevens tenotomy scissor, curved	4.25"	1
043923	Barraquer wire eye speculum, blades 10.5mm	1.5"	1
055070	Castroviejo needleholder with lock smooth jaw	5.5"	1
031138	Beaver® microsurgical blade, size 6700, box of 12	-	1
045314	Derf needle holder	4.75"	1
045620*	Sterilization tray with mat	8" x 4.75" x 1.25"	1



*Advanced Pack #049686 shown with tray

Essential packs

Laceration pack

MWI# 113614

Items included

MWI #	Description	Length	Qty
045318	Mayo Hegar needle holder	6"	1
048472	Operating scissors, curved, sharp/blunt	5.5"	1
033382	Halsted mosquito forceps, curved	5"	2
039515	Thumb tissue forceps, narrow, 1x2 teeth	5.5"	1



Vet tech instrument pack

MWI# 062693

Items included

MWI #	Description	Length
033404	Spencer stitch scissor, delicate	3.5"
033382	Halsted mosquito forcep, curved	5"
035920	Lister bandage scissors	5.5"
062670	Instrument pouch - choose black, camo, blue, pink, or purple *Pouch available separately to customize with other instruments.	



Top instrument picks

Scissors

MWI #	Description	Length
061657	Delicava flap scissors, curved	5"
049167	Iris scissors, curved	3.5"
045067	Iris scissors, straight	3.5"
044049	Iris scissors, curved	4.5"
039503	Iris scissors, straight	4.5"
033393	Knowles bandage scissors, straight	5.5"
039509	Knowles bandage scissors, straight	5.5"
033396	Lister bandage scissors	3.5"
045485	Lister bandage scissors	4.5"
035920	Lister bandage scissors	5.5"
045362	Lister bandage scissors	7.25"
039507	Littauer stitch scissors	5.5"
033441	Mayo scissors, straight	5.5"
039501	Mayo scissors, curved	5.5"
033439	Mayo scissors, straight	6.25"
039502	Mayo scissors, curved	6.25"
039015	Metzenbaum scissors, curved	5.5"
056000	Metzenbaum scissors, straight	5.75"
044064	Metzenbaum scissors, curved	6"
033388	Metzenbaum scissors, curved	7"
045395	Metzenbaum scissors, straight	7"
056001	Metzenbaum scissors, tungsten-carbide, curved	7"
048574	Metzenbaum scissors, curved	8"
049573	Metzenbaum scissors, straight	8"
045217	Operating scissors, curved, sharp-sharp	4.5"
048468	Operating scissors, straight, sharp-sharp	4.5"
045039	Operating scissors, straight, sharp-blunt	5"
048471	Operating scissors, curved, blunt-blunt	5.5"
048470	Operating scissors, straight, blunt-blunt	5.5"
048472	Operating scissors, curved, sharp-blunt	5.5"
042166	Operating scissors, straight, sharp-blunt	5.5"
049164	Operating scissors, curved, sharp-sharp	5.5"
033402	Operating scissors, straight, sharp-sharp	5.5"
048477	Operating scissors, curved, sharp-blunt	6.5"
045361	Operating scissors, straight, sharp-blunt	6.5"
048474	Operating scissors, straight, sharp-sharp	6.5"
033404	Spencer stitch scissors, delicate	3.5"
033403	Spencer stitch scissors	4.75"
045071	Stevens tenotomy scissors, curved	4.25"
056005	Stevens tenotomy scissors, straight	4.25"



Needle holders

MWI #	Description	Length
045314	Derf needle holder, standard	4.75"
055068	Derf needle holder, tungsten-carbide	4.75"
055069	Mayo Hegar needle holder, standard	5.25"
045318	Mayo Hegar needle holder, standard	6"
045320	Mayo Hegar needle holder, tungsten-carbide	5.25"
033405	Mayo Hegar needle holder, tungsten-carbide	6"
044063	Mayo Hegar needle holder, tungsten-carbide	7"
045315	Olsen Hegar needle holder, standard	4.5"
033394	Olsen Hegar needle holder, standard	5.5"
033390	Olsen Hegar needle holder, standard	6.5"
045120	Olsen Hegar needle holder, standard	7.5"
045258	Olsen Hegar needle holder, tungsten-carbide	4.5"
033386	Olsen Hegar needle holder, tungsten-carbide	5.5"
033385	Olsen Hegar needle holder, tungsten-carbide	6.5"
033395	Olsen Hegar needle holder, tungsten-carbide	7.5"



Tissue and dressing forceps

MWI #	Description	Length
033384	Adson-Brown Tissue forceps, 7x7 teeth, side grasp	4.75"
039512	Adson-Brown Tissue forceps, 9x9 teeth, side grasp	4.75"
039513	Adson dressing forceps, delicate, serrated jaws	4.75"
033400	Adson dressing forceps, standard, serrated jaws	4.75"
049176	Adson tissue forceps, 1x2 teeth, delicate	4.75"
033401	Adson tissue forceps, 1x2 teeth, standard	4.75"
049191	Thumb dressing forceps, serrated handle, serrated jaws	4.5"
045253	Thumb dressing forceps, serrated handle, serrated jaws	5"
039514	Thumb dressing forceps, serrated handle, serrated jaws	5.5"
061655	Micro thumb tissue forceps, 1X2 Teeth	4.75"
044983	Thumb tissue forceps, 1x2 teeth	4.5"
045300	Thumb tissue forceps, 1x2 teeth	5"
039515	Thumb tissue forceps, 1x2 teeth	5.5"
049196	Thumb tissue forceps, 1x2 teeth	6"
039516	Thumb tissue forceps, 2x3 teeth	5"
049201	Thumb tissue forceps, 3x4 teeth	5"
045072	Debakey tissue forceps, 2.0mm tip width	6.25"
044985	Beasley Babcock Tissue forceps, cross points	4.75"



Top instrument picks

Hemostatic forceps

MWI #	Description	Length
039504	Allis tissue forceps, 4x5 Teeth	6"
033438	Crile forceps, curved	5.5"
045510	Crile forceps, straight	5.5"
045500	Crile Rankin forceps, curved	6.25"
045302	Crile Rankin forceps, straight	6.25"
045310	Doyen forceps, curved	9"
045255	Doyen forceps, straight	9"
033387	Halsted mosquito forceps, curved	5"
033382	Halsted mosquito forceps, straight	5"
033398	Hartman mosquito forceps, curved	3.5"
033440	Hartman mosquito forceps, straight	3.5"
033391	Kelly forceps, curved	5.5"
033397	Kelly forceps, straight	5.5"
045363	Kelly Rankin forceps, curved	6.25"
045489	Kelly Rankin forceps, straight	6.25"
044066	Micro mosquito forceps, curved	4.75"
033389	Rochester Carmalt forceps, curved	6.25"
033399	Rochester Carmalt forceps, straight	6.25"
033408	Rochester Carmalt forceps, curved	8"
033442	Rochester Carmalt forceps, straight	8"
045242	Rochester Pean forceps, curved	6.25"



Towel clamps

MWI #	Description	Length
033392	Backhaus towel clamp	3.5"
039506	Backhaus towel clamp	5.25"
042168	Lorna Edna towel clamp	4"



Left-handed instruments

MWI #	Description	Length
062726	Allis tissue forcep, 4x5 teeth	4.75"
062729	Kelly forceps, straight	5.5"
062743	Halsted mosquito forceps, curved	5"
062825	Rochester-Pean forceps, curved	6.25"
062933	Lister bandage scissors,	5.5"
048676	Mayo scissors, straight	6.5"
049627	Mayo scissors, curved	6.5"
062744	Operating scissors, straight, sharp-blunt	5.5"
062774	Metzenbaum scissors, curved	7"
045069	Olsen Hegar needle holder, tungsten-carbide	5.5"
045228	Mayo Hegar needle holder, tungsten-carbide	7"

Blades and handles

Scalpel blades

MWI #	Description	Unit
093141	Scalpel blades #10, stainless steel	100/Box
093122	Scalpel blades #10, carbon steel	100/Box
093142	Scalpel blades #11, stainless steel	100/Box
093123	Scalpel blades #11, carbon steel	100/Box
093143	Scalpel blades #12, stainless steel	100/Box
093124	Scalpel blades #12, carbon steel	100/Box
093144	Scalpel blades #15, stainless steel	100/Box
093125	Scalpel blades #15, carbon steel	100/Box
093145	Scalpel blades #15C, stainless steel	100/Box
093146	Scalpel blades #20, stainless steel	100/Box
093126	Scalpel blades #20, carbon steel	100/Box
093147	Scalpel blades #21, stainless steel	100/Box
093129	Scalpel blades #21, carbon steel	100/Box
093148	Scalpel blades #22, stainless steel	100/Box
093130	Scalpel blades #22, carbon steel	100/Box



Beaver® microsurgical blades

MWI #	Description	Unit
031036	Beaver® microsurgical blade #6400	12/box
031138	Beaver® microsurgical blade #6700	12/box
045394	Beaver® microsurgical blade #67	12/box



Blades with disposable handles

MWI #	Description	Unit
093158	Scalpel blades #10, stainless steel, disposable handle	10/Box
093159	Scalpel blades #11, stainless steel, disposable handle	10/Box
093160	Scalpel blades #12, stainless steel, disposable handle	10/Box
093161	Scalpel blades #15, stainless steel, disposable handle	10/Box
093162	Scalpel blades #20, stainless steel, disposable handle	10/Box
093163	Scalpel blades #21, stainless steel, disposable handle	10/Box
093164	Scalpel blades #22, stainless steel, disposable handle	10/Box



Metal handles

MWI #	Description	Unit
042167	Scalpel handle #3	5"
039125	Graduated scalpel handle #3	5"
039508	Scalpel handle #4	5.5"
031033	Beaver® microsurgical blade handle	4"
048033	Beaver® microsurgical blade handle	5"

Instrument care

1. Manual Cleaning

- Immediately after use, rinse instruments off with warm water, removing all visible bio-burden (blood, tissue, etc.)
- If rinsing is not immediately available, spray instruments with Enzymatic Foam Instrument Cleaner. This will keep the instruments moist and begin breaking down bio-burden until they can be cleaned.
- After rinsing, place instruments in Multi-Enzyme Cleaner or Manual and Ultrasonic Instrument Cleaner. Use fresh cleaning solution for each new batch of instruments.
- Use a soft nylon brush to scrub instruments, paying close attention to the ratchets, box locks and serrations.
- Rinse the instruments again: first with tap water then with distilled water.
- If an ultrasonic cleaner is not available, dry all instruments immediately after rinsing and place them on a dry surgical towel.
- Recommended products: Enzymatic Foam Instrument Cleaner, 32 oz., or Multi-Enzyme Cleaner, 1 gallon or Manual & Ultrasonic Instrument Cleaner, 1 gallon.

2. Ultrasonic Cleaning

- Place each hinged instrument in the cleaner with the ratchet in the open position. This will allow for complete removal of all bio-burden.
- Fully submerge all instruments, but do not overload the cleaner
- Place only like metal instruments together in the cleaner (e.g. do not put chrome-plated instruments in with stainless steel instruments)
- When the cleaning cycle is complete, immediately remove the instruments, and rinse them with distilled water
- Dry all instruments immediately after rinsing and place them on a dry surgical towel
- Recommended product: Multi-Enzyme Cleaner, 1 gallon or Manual & Ultrasonic Instrument Cleaner, 1 gallon

3. Lubrication

- Lubricate all instruments with a box lock (i.e., hinged) with Instrument Spray Lubricant
- Wipe excess lube, then place in a pouch or wrap for sterilization
- Recommended product: Instrument Spray Lubricant, 8 fl. oz

4. Wrapping and Sterilization

- Wrap instruments with box locks in the open position.
- Do not stack instruments on top of one another or overload the sterilizer. This will prevent steam from fully penetrating the packs and excessive condensation may cause spotting on the instruments
- Place each instrument in its own pouch, with the ratchet in the open position, and lean the pouches against the chamber wall

Tips

Must read: New instruments

- Newly purchased Securos Surgical instruments are not sterile and should be cleaned manually (and with an ultrasonic cleaner, if available), lubricated and autoclaved before use. Failure to clean new instruments thoroughly before autoclaving may result in staining due to residues and heavy lubricants remaining on the instrument after manufacturing.

Inspection

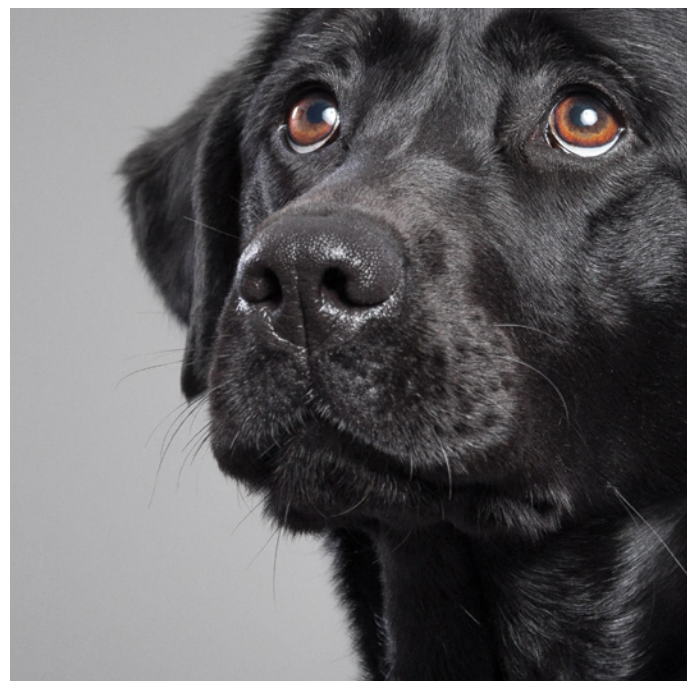
- Visually inspect all surfaces of the instruments for stains, cracks, or chips
- Test sharps on gauze or latex material for proper cutting action

Storage

- Store instruments in a climate-controlled area
- Ensure that all instruments are completely dry before storing them

Troubleshooting

A variety of stains or spotting might appear on your instruments after the cleaning and sterilization processes are completed. Most likely, these are not rust, but rather an indication of improper cleaning or sterilizing procedures. The following chart can help you identify and prevent or remove many of the stains that typically show up on instruments.



Stain/Spot Color	Possible Causes	Solutions
Brown/Orange	Bio-burden (tissue, blood, etc.) left on instrument	Use an eraser to rub off stain
	Detergent pH is too high (>8)	Choose a cleaning solution with a neutral pH
	Soap/detergent residue on drapes/towels used in wrapping	Review laundry protocol to improve soap-free rinse
Rust	Mixing instruments made of different metals in the same cleaning or sterilizing cycle	Separate instruments by metal type for cleaning and sterilization
	Tap water has high mineral content	Use distilled water and thoroughly dry instruments after rinsing
Black/Brown, with pitting	Cold soaking of instruments	Eliminate cold soaking and potential exposure to chemicals during that process
	Detergent pH is too low (<6)	Choose a cleaning solution with a neutral pH
Blue/Black	Mixing instruments made of different metals in the same cleaning or sterilizing cycle	Separate instruments by metal type for cleaning and sterilization
Blue/Gray	Cold sterilization	Securos does not recommend cold sterilization
	Chemical or mineral residue	Use distilled water and thoroughly dry instruments after rinsing
Spotting	Slow or improper drying of instruments	Review autoclave manufacturer's instructions
	Mineral residue	Use distilled water and thoroughly dry instruments after rinsing
Multi-color	Excessive heat during sterilizing cycle*	Review autoclave instructions

*CAUTION: Instrument may be permanently compromised due to loss of tensile strength.

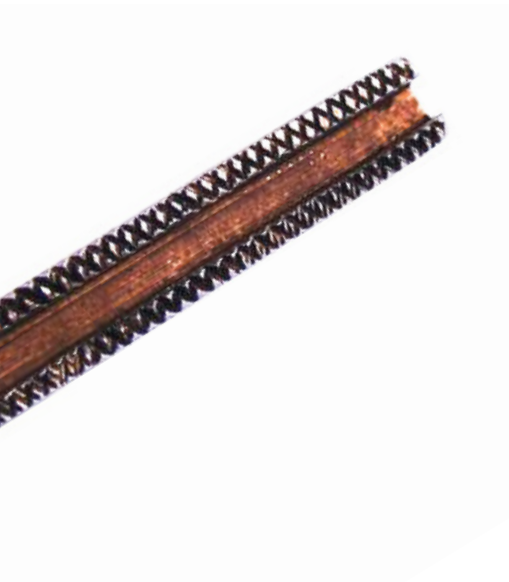
Instrument inspection

Brown / orange staining



Appearance	<ul style="list-style-type: none"> • Brown or orange stains
Causes	<ul style="list-style-type: none"> • Long interval between instrument use and processing, allowing bio-burden to dry • Unsuitable instrument disinfectant (pH is too high) • Laundry residue from reusable towels/drapes • Overloading autoclave
Treatment	<ul style="list-style-type: none"> • Use an eraser to rub off the stain, or use Instrument Stain Remover • Targeted manual cleaning
Prevention	<ul style="list-style-type: none"> • Manually clean new instruments prior to autoclaving to remove manufacturer lubricants • Remove bio-burden from instruments immediately after use, process within 15 minutes after surgery • Clean instruments with Multi-Enzyme Cleaner or Manual & Ultrasonic Instrument Cleaner • Use a longer rinse cycle for towels/drapes to remove laundry soap residue • Avoid overloading autoclave which could result in excess condensation

Rust



Appearance	<ul style="list-style-type: none"> • Brown spots or streaks • Possible pitting under the discoloration
Causes	<ul style="list-style-type: none"> • Mixing different metals in the same cleaning or sterilizing cycle • Using water with a high mineral content in the cleaning process
Treatment	<ul style="list-style-type: none"> • Use a brush and Instrument Stain Remover with distilled water to scrub away spots
Prevention	<ul style="list-style-type: none"> • Separate instruments by metal type • Use distilled water throughout the cleaning/sterilizing process • Avoid overloading autoclave which could result in excess condensation

Instrument inspection

Pitting with discoloration



Appearance

- Pinprick-like holes in stainless steel, frequently surrounded by microscopic sparkling, reddish brown or multi-color corrosion spots
- Minor-quality instrument steels might contain material-specific cavities or foreign matter inclusions—these may resemble pitting, but they are not caused by the cleaning process

Causes

- Allowing bio-burden to dry on instruments
- Exposure to halide ions, especially chlorides that break through the passive layer of instrument steel
- Exposure to liquids with a high chloride content (i.e. bleach or high chloride levels in the final rinse water)
- Exposure to saline solutions
- Contact corrosion might occur when different metals are mixed, (titanium and stainless steel)

Treatment

- Instrument may have additional pitting that is not yet visible and may harbor bacteria
- Replacement of instrument recommended.

Prevention

- Begin cleaning process within 10 minutes post surgery
- Use distilled water throughout the cleaning/sterilizing process
- Minimize instrument exposure to other liquids containing chlorides
- Separate instruments by metal type

Spotting



Appearance

- Milky white to gray stains
- The stains may extend across a large surface area or be irregular, sharply defined spots

Causes

- Using water with a high lime or mineral content in the cleaning process
- Stacking instruments on top of each other in autoclave
- Overloading autoclave

Treatment

- Wipe off with a soft cloth
- Send instruments to the Securos Repair Department for professional refinishing

Prevention

- Use distilled water for the final rinse, manual cleaning, and ultrasonic cleaning
- Review autoclave manufacturer's instructions

Clipper blades

Clipper blades can be sent to Securos for sharpening.

- 01 Clean all blades prior to shipping.
- 02 Wrap the blades with extra padding to cover the tips, and carefully pack them in a box to prevent damage in shipping.
- 03 Fill out the Securos Instrument Work Order form online or fax it to Securos Customer Service for a Return Authorization #.
- 04 Include a copy of the completed Securos Instrument Work Order, with the return authorization number, in the shipping box.

The sharpened blades will be shipped out within 5–7 business days (upon receipt).

Blades that arrive at Securos with broken teeth will not be repaired. Securos is not responsible for any damages that occur during shipping. Clipper blades must be individually wrapped for shipping. Do not autoclave clipper blades prior to shipping.

Instrument cleaning products

MWI#	Product	Unit	Form
033415	Enzymatic foam instrument cleaner	32 oz.	Liquid
055000	Multi-enzyme cleaner	1 Gallon	Liquid
043933	Instrument cleaner and lubricant	1 Gallon	Liquid
030293	Manual and ultrasonic cleaner	8 oz.	Liquid
035674	Manual and ultrasonic cleaner	1 Gallon	Liquid
035410	Manual and ultrasonic cleaner	3.5 lbs.	Powder
030294	Instrument spray lubricant	8 oz.	Liquid
033414	Instrument stain remover	8 oz.	Powder
034255	Instrument lubricant milk	1 Gallon	Liquid
035675	Autoclave foam cleaner *hazmat – must ship ups ground only	22 oz.	Liquid



033415



033414



043933



030293



035675

Repair information

- Securos repairs all brands, all makes and all models of surgical instruments
- Any non-warranty instrument repairs are subject to the service charges
- Instruments damaged beyond normal wear and tear may have additional repair costs. A Securos Representative will call you to discuss these options if necessary.
- Upon receipt at Securos, expect 5-7 days turnaround time, unless otherwise specified

Instrument shipping requirements

- 01 Clean and sterilize all instruments prior to shipping. OSHA regulations require all instruments be shipped in sterilized pouches. Do not autoclave clipper blades.
- 02 Wrap any sharp instruments with extra padding to prevent damage in shipping.
- 03 Individually wrap all clipper blades to prevent damage while in transit.
- 04 For color dipping, please mark color choice on the work order form. For multiple color choices, group instruments by color in sterilization pouch and clearly mark color choice on pouch.
- 05 Request a Return Authorization # and shipping label from Securos prior to sending in, via phone: 877.266.3349 or email repairs@securos.com.
- 06 Include a copy of the work order with the packed instruments.
- 07 Charges will be applied for outbound shipping. Expedited available upon request.

Instruments will be shipped back to customer within 5-7 business days upon receipt.

Repair service charges

For non-warranty service pricing go to: securos.com/repairs and click on the "browse our menu of repair services" button, call 877.266.3349 option #2, or email repairs@securos.com



Premium **quality**,
uncompromising **value**

[securos.com](https://www.secuross.com)