



Greenberg[®] Retractor Catalog



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Greenberg® Retractor

Overview

Symmetry Surgical® has been a leader in the cranial retraction field for 40+ years.

The Greenberg® retractor, sold exclusively by Symmetry Surgical®, is a versatile system offering space planning, flexibility, and quick set-up to provide optimal performance with more control and less tremor and fatigue.

Symmetry Surgical, in collaboration with Dr. Jeffrey Greenberg, has expanded the Greenberg® portfolio with the introduction of the innovative Greenberg® Simplicity. The Greenberg® Simplicity components simplify the Greenberg® retractor set-up by reducing the number of base components and increasing the ease of assembly.

The Greenberg® accessories are compatible with both original Greenberg® and Greenberg® Simplicity base components. This allows you to upgrade to Greenberg Simplicity while continuing to use the accessories you have trusted for years.



Original Greenberg® Retractor



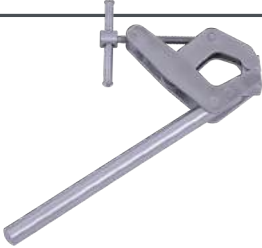


Greenberg® Simplicity Retractor

*cranial stabilization system not included


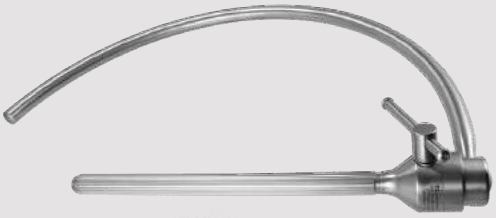
Greenberg® Retractor

All of your Greenberg® accessories are fully compatible with both our Original Greenberg® or Greenberg® Simplicity base components.

Original Greenberg® Base Components

CODE	POST LENGTH	DESCRIPTION	
50-1507	6 in	Greenberg® Retractor Primary Clamp *Attach to cranial stabilization system	
50-1508	12 in	Greenberg® Retractor Secondary Clamp *Attach to Primary Clamp (50-1507) or Secondary Clamp (50-1508 or 50-1516)	
50-1516	12 in	Greenberg® Retractor Floating Secondary Clamp *Attach to Primary Clamp (50-1507) or Secondary Clamp (50-1508 or 50-1516)	

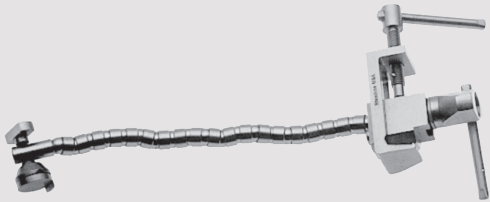
Greenberg® Simplicity Base Components

CODE	DESCRIPTION	
50-1517	Greenberg® Simplicity Primary Clamp *Attach to cranial stabilization system	
50-1518	Greenberg® Simplicity Secondary Arc *Attach to Greenberg® Simplicity Primary Clamp (50-1517)	

Greenberg® Retractor

Retractor Arms

The retractor arms are designed to securely hold the retractor blades in place. Attach to Secondary Clamps (50-1508, 50-1516 or 50-1518) and to the Short Coupler (50-1522).

CODE	FLEX ARM LENGTH	DESCRIPTION
50-1509	9 1/2 in	Greenberg® Retractor Long Arm
		
50-1511	6 1/2 in	Greenberg® Retractor Short Arm
		

Greenberg® Retractor

Instrument Holders

The Greenberg® Instrument Holders are flexible arms that support instruments being used repeatedly within the retracted field. Attach to Secondary Clamps (50-1508, 50-1516 or 50-1518) and to the Short Coupler (50-1522).

CODE

DESCRIPTION

50-1529 Greenberg® Retractor Micro Instrument Holder

*Holds instruments with shafts up to $\frac{1}{8}$ in diameter



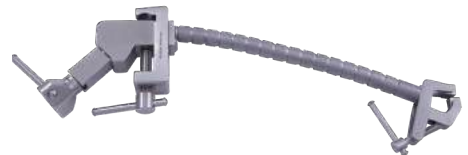
50-1523 Greenberg® Retractor Small Instrument Holder

*Holds instruments with shafts up to $\frac{5}{16}$ in diameter



50-1524 Greenberg® Retractor Large Instrument Holder

*Holds instruments with shafts up to 1 in diameter



50-1525 Greenberg® Retractor Extra Large Instrument Holder

*Holds instruments with shafts up to 2 in diameter



Greenberg® Retractor

Malleable Retractor Blades

The Malleable Retractor Blades are used for retraction. All blades are 4 in long with varying widths. Attach to Long Arm (50-1509) and Short Arm (50-1511).

CODE	BLADE DIMENSIONS (W x L)	DESCRIPTION
50-1501	$\frac{1}{2}$ in x 4 in	Greenberg® Malleable Retractor Blade
50-1502	$\frac{1}{4}$ in x 4 in	Greenberg® Malleable Retractor Blade
50-1503	$\frac{3}{8}$ in x 4 in	Greenberg® Malleable Retractor Blade
50-1504	$\frac{5}{8}$ in x 4 in	Greenberg® Malleable Retractor Blade
50-1505	$\frac{3}{4}$ in x 4 in	Greenberg® Malleable Retractor Blade
50-1506	1 in x 4 in	Greenberg® Malleable Retractor Blade



Greenberg® Retractor

Malleable Tapered Retractor Blades

Both ends of the Greenberg® Tapered Retractor Blades can be used for retraction. All blades are 9 in long with varying widths. Attach to Long Arm (50-1509) or Short Arm (50-1511).

CODE	BLADE WIDTH	TOTAL LENGTH	DESCRIPTION
50-1530	$\frac{1}{4}$ in & $\frac{3}{4}$ in	9 in	Greenberg® Malleable Tapered Retractor Blade
50-1531	$\frac{5}{32}$ in & $\frac{5}{8}$ in	9 in	Greenberg® Malleable Tapered Retractor Blade
50-1532	$\frac{1}{8}$ in & $\frac{1}{2}$ in	9 in	Greenberg® Malleable Tapered Retractor Blade
50-1533	$\frac{3}{32}$ in & $\frac{3}{8}$ in	9 in	Greenberg® Malleable Tapered Retractor Blade
50-1534	$\frac{1}{16}$ in & $\frac{1}{4}$ in	9 in	Greenberg® Malleable Tapered Retractor Blade



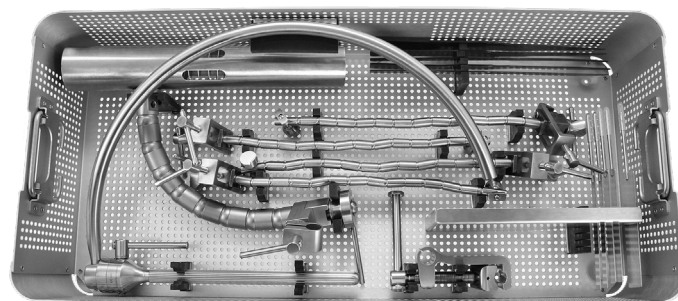
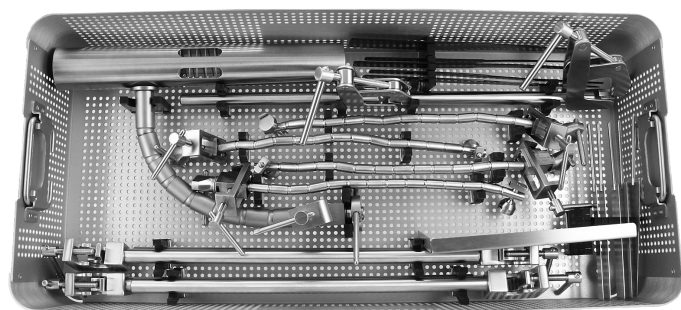
Greenberg® Retractor

Accessories

CODE	LENGTH	DESCRIPTION
50-1512	Handle: 10 in	Greenberg® Retractor Hand Rest *Attach to Short Coupler (50-1522)
		
50-1513		Greenberg® Retractor Pattie Tray *Attach to Long Arm (50-1509) or Short Arm (50-1511)
		
50-1515		Greenberg® Retractor Maxi-Vise Adapter * Attach to Long Arm (50-1509) or Short Arm (50-1511)
		
50-1522	Post: 3 in	Greenberg® Retractor Short Coupler * Attach to Secondary Clamps (50-1508, 50-1516 or 50-1518)
		

Greenberg® Retractor

Sterilization Cases



CODE

DESCRIPTION

50-8535 Greenberg® VersaPak™

Compatible with Quad-Lock® Solid Base: 50-8742 or Filter Base: 50-8730

Compatible with 50-8546 VersaPak™ Full Aluminum Tray Lid

Designed to hold the following components:

CODE	DESCRIPTION	QTY	CODE	DESCRIPTION	QTY
50-1501	Greenberg® Malleable Retractor Blade 1/2 in x 4 in	1	50-1509	Greenberg® Retractor Long Arm	4
50-1502	Greenberg® Malleable Retractor Blade 1/4 in x 4 in	1	50-1512	Greenberg® Retractor Hand Rest, 10 in	1
50-1503	Greenberg® Malleable Retractor Blade 3/8 in x 4 in	1	50-1513	Greenberg® Retractor Pattie Tray	1
50-1504	Greenberg® Malleable Retractor Blade 5/8 in x 4 in	1	50-1530	Greenberg® Malleable Tapered Retractor blade 1/4 in x 3/4 in width, 9 in long	1
50-1505	Greenberg® Malleable Retractor Blade 3/4 in x 4 in	1	50-1531	Greenberg® Malleable Tapered Retractor Blade 5/32 in x 5/8 in width, 9 in long	1
50-1506	Greenberg® Malleable Retractor Blade 1 in x 4 in	1	50-1532	Greenberg® Malleable Tapered Retractor Blade 1/8 in x 1/2 in width, 9 in long	1
50-1507	Greenberg® Retractor Primary Clamp, 6 in	2	50-1533	Greenberg® Malleable Tapered Retractor Blade 3/32 in x 3/8 in width, 9 in long	1
50-1508	Greenberg® Retractor Secondary Clamp, 12 in	4	50-1534	Greenberg® Malleable Tapered Retractor Blade 1/16 in x 1/4 in width, 9 in long	1

CODE

DESCRIPTION

50-8620 Greenberg® Simplicity VersaPak™

Compatible with Quad-Lock® Solid Base: 50-8742 or Filter Base: 50-8730

Compatible with 50-8546 VersaPak™ Full Aluminum Tray Lid

Designed to hold the following components:

CODE	DESCRIPTION	QTY	CODE	DESCRIPTION	QTY
50-1501	Greenberg® Malleable Retractor Blade 1/2 in x 4 in	1	50-1509	Greenberg® Retractor Long Arm	4
50-1502	Greenberg® Malleable Retractor Blade 1/4 in x 4 in	1	50-1512	Greenberg® Retractor Hand Rest, 10 in	1
50-1503	Greenberg® Malleable Retractor Blade 3/8 in x 4 in	1	50-1513	Greenberg® Retractor Pattie Tray	1
50-1504	Greenberg® Malleable Retractor Blade 5/8 in x 4 in	1	50-1530	Greenberg® Malleable Tapered Retractor blade 1/4 in x 3/4 in width, 9 in long	1
50-1505	Greenberg® Malleable Retractor Blade 3/4 in x 4 in	1	50-1531	Greenberg® Malleable Tapered Retractor Blade 5/32 in x 5/8 in width, 9 in long	1
50-1506	Greenberg® Malleable Retractor Blade 1 in x 4 in	1	50-1532	Greenberg® Malleable Tapered Retractor Blade 1/8 in x 1/2 in width, 9 in long	1
50-1517	Greenberg® Simplicity Primary Clamp	1	50-1533	Greenberg® Malleable Tapered Retractor Blade 3/32 in x 3/8 in width, 9 in long	1
50-1518	Greenberg® Simplicity Secondary Arc	1	50-1534	Greenberg® Malleable Tapered Retractor Blade 1/16 in to 1/4 in width, 9 in long	1

Greenberg® Retractor

Sterilization Cases

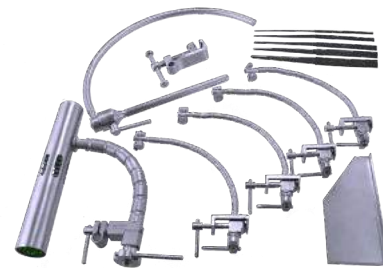
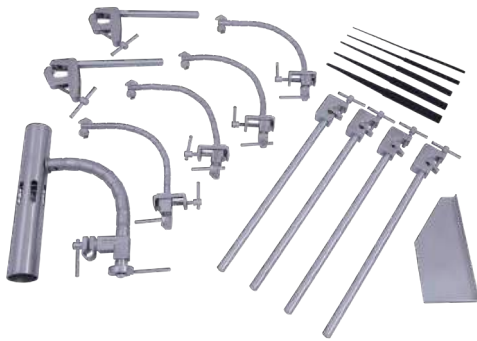


- * Contains four compartments to hold various components
- * Greenberg® Simplicity Secondary Arc (50-1518) will not fit in this case

CODE	DESCRIPTION	WIDTH	LENGTH	DEPTH
50-1514	Greenberg® Retractor Sterilizing Case	10 in (254 mm)	17 1/2 in (444 mm)	2 3/8 in (60 mm)
	Compartment #1	7 3/4 in (197 mm)	10 3/4 in (264 mm)	
	Compartment #2	2 1/8 in (54 mm)	17 in (432 mm)	
	Compartment #3	4 5/8 in (117 mm)	6 3/4 in (171 mm)	
	Compartment #4	3 1/8 in (79 mm)	6 3/4 in (171 mm)	

Greenberg® Retractor

Kits



CODE

DESCRIPTION

50-1500 Greenberg® Retractor Kit
Includes:

CODE	DESCRIPTION	QTY
50-1507	Greenberg® Retractor Primary Clamp	2
50-1508	Greenberg® Retractor Secondary Clamp	4
50-1509	Greenberg® Retractor Long Retractor Arm	4
50-1512	Greenberg® Retractor Hand Rest	1
50-1513	Greenberg® Retractor Pattie Tray	1
50-1514	Greenberg® Retractor Sterilizing Case	1
50-1530	Greenberg® Malleable Tapered Retractor Blade, Length 9 in, Width $\frac{1}{4}$ in x $\frac{3}{4}$ in	1
50-1531	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{5}{32}$ in x $\frac{5}{8}$ in	1
50-1532	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{1}{8}$ in x $\frac{1}{2}$ in	1
50-1533	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{3}{32}$ in x $\frac{3}{8}$ in	1
50-1534	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{1}{16}$ in x $\frac{1}{4}$ in	1

CODE

DESCRIPTION

50-1519 Greenberg® Simplicity Retractor Kit
Includes:

CODE	DESCRIPTION	QTY
50-1517	Greenberg® Simplicity Primary Clamp	1
50-1518	Greenberg® Simplicity Secondary Arc	1
50-1509	Greenberg® Retractor Long Retractor Arm	4
50-1512	Greenberg® Retractor Hand Rest	1
50-1513	Greenberg® Retractor Pattie Tray	1
50-8620	Greenberg® Simplicity VersaPak™	1
50-1530	Greenberg® Malleable Tapered Retractor Blade, Length 9 in, Width $\frac{1}{4}$ in x $\frac{3}{4}$ in	1
50-1531	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{5}{32}$ in x $\frac{5}{8}$ in	1
50-1532	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{1}{8}$ in x $\frac{1}{2}$ in	1
50-1533	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{3}{32}$ in x $\frac{3}{8}$ in	1
50-1534	Greenberg® Malleable Tapered Retractor Blade Length 9 in, Width $\frac{1}{16}$ in x $\frac{1}{4}$ in	1

Customer Support

Our highly-trained customer support team is available to take your calls from 7:00 am to 5:30 pm (CST), Monday - Friday. This group is dedicated to providing a full range of support services, including:

- Order Placement
- Order Inquiries
- Delivery Information
- Product Information
- Pricing Inquiries

If we can be of assistance, please contact us using the methods below:

PHONE

US & Canada: +1 800-251-3000

International: +1 615-964-5532

EMAIL

customerservice@symmetrysurgical.com

WEB

symmetrysurgical.com

-Live Chat on symmetrysurgical.com:

Click the “Can We Help You” window in the bottom corner of any page on symmetrysurgical.com to be connected directly to a member of our sales or customer service team. We can chat in real time and answer your questions about our company and surgical instrument portfolio.

(Available Monday through Friday, 7:30 am - 5:30 pm CST)

MAILING ADDRESS

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Antioch, TN 37013

