

RETRACTOR SYSTEMS

Ordering

Purchase orders should be placed with your authorized BOSS™ distributor or directly with BOSS INSTRUMENTS, LTD.

To locate a BOSS™ distributor or representative in your area, please contact us at the phone numbers or email listed below.

Shipping/Remittance Address:

BOSS INSTRUMENTS, LTD.
104 Sommerfield Drive
Gordonsville, VA 22942
USA

Contact Info:

Phone: 800-210-2677 or 540-832-5000
Web: bossinstruments.com
Fax: 540-832-5515
Email: inquiry@bossinstruments.com

Prices

BOSS reserves the right to change prices without notice. All prices are F.O.B., Shipping Point, Freight Prepaid.

BOSS INSTRUMENTS, LTD. Materials and Descriptions

Unless otherwise stated, all instruments in this catalog are stainless steel. Instrument photographs accurately represent the instrument; however, they may not be actual size. Our instruments are hand-crafted, so measurements noted may vary slightly.

We reserve the right to alter our patterns and make modifications to any of our products at any time and without notice.

Warranty

All BOSS™ instruments are guaranteed to be free of defects in material and workmanship. Any instrument failing as a result of such defect shall be replaced free of charge at the sole discretion of BOSS INSTRUMENTS, LTD. No other warranty or affirmation of fact express or implied is made or authorized.

Immediate cancellation of this guarantee shall result from the alteration, modification or repair of any product by persons not authorized by BOSS INSTRUMENTS, LTD., or by the physical or chemical abuse of any product.

The buyer and/or user assumes full responsibility for determining the suitability of the application of all products herein listed and for all risks and liability associated with their use.

Returns

To return product purchased directly from BOSS INSTRUMENTS LTD., contact us (see above) and request a Return Goods Authorization (RGA). Incoming returns without an RGA number may delay the processing of your return. For products purchased through a BOSS™ distributor, please contact the distributor for their specific return policy.

Photographs in this catalog are not actual size, although we have tried to provide clear and precise photographs and descriptions.

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All specifications in this catalog are subject to change without notice.

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Can't seem to find what you're looking for?

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T-LINE

Compact and Simple Retractor System for ACDF

Expertly crafted for ease of use, variety and compatibility.

● 73-6200 Complete Set



Cat #s	Qty	Description
73-6202	1	T-Line Transverse Retractor Frame
73-6203	1	T-Line Step-Down Longitudinal Retractor Frame
73-6296	2	T-Line Retractor Blade Handle, Quick-Release
73-6104TL	1	T-Line Sterilization Case
23mm Blades, Medial Notched, Aluminum		
73-6280	2	T-Line Medial Notched Blade, 30mm, Silver
73-6282	2	T-Line Medial Notched Blade, 40mm, Red
73-6284	2	T-Line Medial Notched Blade, 50mm, Purple
73-6286	2	T-Line Medial Notched Blade, 60mm, Gold
73-6288	2	T-Line Medial Notched Blade, 70mm, Light Green

Cat #s	Qty	Description
20mm Blades, Blunt, Aluminum		
73-6250	2	T-Line Blunt Blade, 30mm, Silver
73-6254	2	T-Line Blunt Blade, 40mm, Red
73-6258	2	T-Line Blunt Blade, 50mm, Purple
73-6262	2	T-Line Blunt Blade, 60mm, Gold
73-6266	2	T-Line Blunt Blade, 70mm, Light Green

Additional Components, sold separately

73-6105TL T-Line Sterilization Case - Full Size for All Blades

23mm Blades, Medial Notched, Aluminum

73-6281 T-Line Medial Notched Blade, 35 mm, Blue

73-6283 T-Line Medial Notched Blade, 45 mm, Green

73-6285 T-Line Medial Notched Blade, 55 mm, Black

73-6287 T-Line Medial Notched Blade, 65 mm, Navy

20mm Blades, Blunt, Aluminum

73-6252 T-Line Blunt Blade, 35 mm, Blue

73-6256 T-Line Blunt Blade, 45 mm, Green

73-6260 T-Line Blunt Blade, 55 mm, Black

73-6264 T-Line Blunt Blade, 65 mm, Navy

73-6268 T-Line Blunt Blade, 75 mm, Orange

14mm Micro Blades, Blunt, Aluminum

73-6231 T-Line Micro Blade, Blunt, 40mm, Red

73-6232 T-Line Micro Blade, Blunt, 45mm, Green

73-6233 T-Line Micro Blade, Blunt, 50mm, Violet

73-6234 T-Line Micro Blade, Blunt, 55mm, Black

73-6235 T-Line Micro Blade, Blunt, 60mm, Gold

14mm Micro Blades, Short Teeth, Aluminum

73-6240 T-Line Micro Blade, Short Teeth, 35mm, Blue

73-6241 T-Line Micro Blade, Short Teeth, 40mm, Red

73-6242 T-Line Micro Blade, Short Teeth, 45mm, Green

73-6243 T-Line Micro Blade, Short Teeth, 50mm, Violet

73-6244 T-Line Micro Blade, Short Teeth, 55mm, Black

73-6245 T-Line Micro Blade, Short Teeth, 60mm, Gold

14mm Micro Blades, Blunt, Blue Titanium

73-6236T T-Line Micro Blade, Blunt, 65mm

73-6237T T-Line Micro Blade, Blunt, 70mm

73-6238T T-Line Micro Blade, Blunt, 75mm

14mm Micro Blades, Short Teeth, Blue Titanium

73-6246T T-Line Micro Blade, Short Teeth, 65mm

73-6247T T-Line Micro Blade, Short Teeth, 70mm

73-6248T T-Line Micro Blade, Short Teeth, 75mm



Cat #s	Qty	Description		
73-6101P	1	Longitudinal Frame	●	●
73-6102P	1	Transverse Frame	●	●
73-6096	2	Blade Handle, Quick-Release	●	●
73-6155	1	Depth Gauge, Color-Coded	●	●
73-6104	1	2-Level Sterilization Case		●
73-6105	1	3-Level Sterilization Case	●	

23mm Blades, Blunt, Aluminum

73-6110H	2	Blade, Blunt, 30mm, Silver	●	●
73-6111H	2	Blade, Blunt, 35mm, Blue	●	●
73-6112H	2	Blade, Blunt, 40mm, Red	●	●
73-6113H	2	Blade, Blunt, 45mm, Green	●	●
73-6114H	2	Blade, Blunt, 50mm, Violet	●	●
73-6115H	2	Blade, Blunt, 55mm, Black	●	●
73-6116H	2	Blade, Blunt, 60mm, Gold	●	●
73-6117H	2	Blade, Blunt, 65mm, Navy	●	●
73-6118H	2	Blade, Blunt, 70mm, Light Green	●	●
73-6119H	2	Blade, Blunt, 75mm, Orange	●	●

23mm Blades, Short Teeth, Aluminum

73-6120H	1	Blade, Short Teeth, 30mm, Silver	●	●
73-6121H	1	Blade, Short Teeth, 35mm, Blue	●	●
73-6122H	1	Blade, Short Teeth, 40mm, Red	●	●
73-6123H	1	Blade, Short Teeth, 45mm, Green	●	●
73-6124H	1	Blade, Short Teeth, 50mm, Violet	●	●
73-6125H	1	Blade, Short Teeth, 55mm, Black	●	●
73-6126H	1	Blade, Short Teeth, 60mm, Gold	●	●
73-6127H	1	Blade, Short Teeth, 65mm, Navy	●	●

23mm Blades, Long Teeth, Aluminum

73-6129H	1	Blade, Long Teeth, 30mm, Silver	●	●
73-6130H	1	Blade, Long Teeth, 35mm, Blue	●	●
73-6131H	1	Blade, Long Teeth, 40mm, Red	●	●
73-6132H	1	Blade, Long Teeth, 45mm, Green	●	●
73-6133H	1	Blade, Long Teeth, 50mm, Violet	●	●
73-6134H	1	Blade, Long Teeth, 55mm, Black	●	●
73-6135H	1	Blade, Long Teeth, 60mm, Gold	●	●
73-6136H	1	Blade, Long Teeth, 65mm, Navy	●	●

14mm Blades, Micro Blunt, Aluminum

73-6140H	2	Micro Blade, Blunt, 35mm, Blue	●	●
73-6141H	2	Micro Blade, Blunt, 40mm, Red	●	●
73-6142H	2	Micro Blade, Blunt, 45mm, Green	●	●
73-6143H	2	Micro Blade, Blunt, 50mm, Violet	●	●
73-6144H	2	Micro Blade, Blunt, 55mm, Black	●	●
73-6145H	2	Micro Blade, Blunt, 60mm, Gold	●	●

Cat #s	Qty	Description		
14mm Blades, Micro Short Teeth, Aluminum				
73-6146H	2	Micro Blade, Short Teeth, 35mm, Blue	●	●
73-6147H	2	Micro Blade, Short Teeth, 40mm, Red	●	●
73-6148H	2	Micro Blade, Short Teeth, 45mm, Green	●	●
73-6149H	2	Micro Blade, Short Teeth, 50mm, Violet	●	●
73-6150H	2	Micro Blade, Short Teeth, 55mm, Black	●	●
73-6151H	2	Micro Blade, Short Teeth, 60mm, Gold	●	●

Distraction Accessories

73-2596	2	Twist Drill, 8mm Depth, 5 3/4"	●	
73-2585S	1	Drill Guide, Left, Silicone Handle	●	
73-2586S	1	Drill Guide, Right, Silicone Handle	●	
73-2587	1	Distractor, Left	●	
73-2588	1	Distractor, Right	●	
73-2590S	2	Screw Driver, Silicone Handle	●	
73-2597	1	Multilevel Distractor, Left	●	
73-2598	1	Multilevel Distractor, Right	●	
73-2705S	1	Bone Graft Holder, Silicone Handle	●	
73-2710S	1	Impactor, 3mm, Silicone Handle	●	
73-2711S	1	Impactor, 5mm, Silicone Handle	●	
73-2712S	1	Impactor, 8mm, Silicone Handle	●	
77-0916	1	Graft Cutter, with Depth Control	●	
78-1860	1	Caliper, 9"	●	

Additional Components, sold separately

73-6095S		Twist Lock Handle, Silicone Handle		
73-6102SD		Step-down Transverse Frame		
73-6119AH		Aluminum Blade, Blunt, 23x80mm, Turquoise		
73-6128H		Aluminum Blade, Short Teeth, 23 x 70mm, Light Green		
73-6128-75TH		Titanium Blade, Short Teeth, 23 x 75mm		
73-6128-80TH		Titanium Blade, Short Teeth, 23 x 80mm		
73-6137TH		Titanium Blade, Long Teeth, 23 x 70mm		
73-6138TH		Titanium Blade, Long Teeth, 23 x 75mm		
73-6139TH		Titanium Blade, Long Teeth, 23 x 80mm		
73-6145-65TH		Titanium Micro Blade, Blunt, 14 x 65mm		
73-6145-70TH		Titanium Micro Blade, Blunt, 14 x 70mm		
73-6145-75TH		Titanium Micro Blade, Blunt, 14 x 75mm		
73-6145-80TH		Titanium Micro Blade, Blunt, 14 x 80mm		
73-6151-65TH		Titanium Micro Blade, Short Teeth, 14 x 65mm		
73-6151-70TH		Titanium Micro Blade, Short Teeth, 14 x 70mm		
73-6151-75TH		Titanium Micro Blade, Short Teeth, 14 x 75mm		
73-6151-80TH		Titanium Micro Blade, Short Teeth, 14 x 80mm		

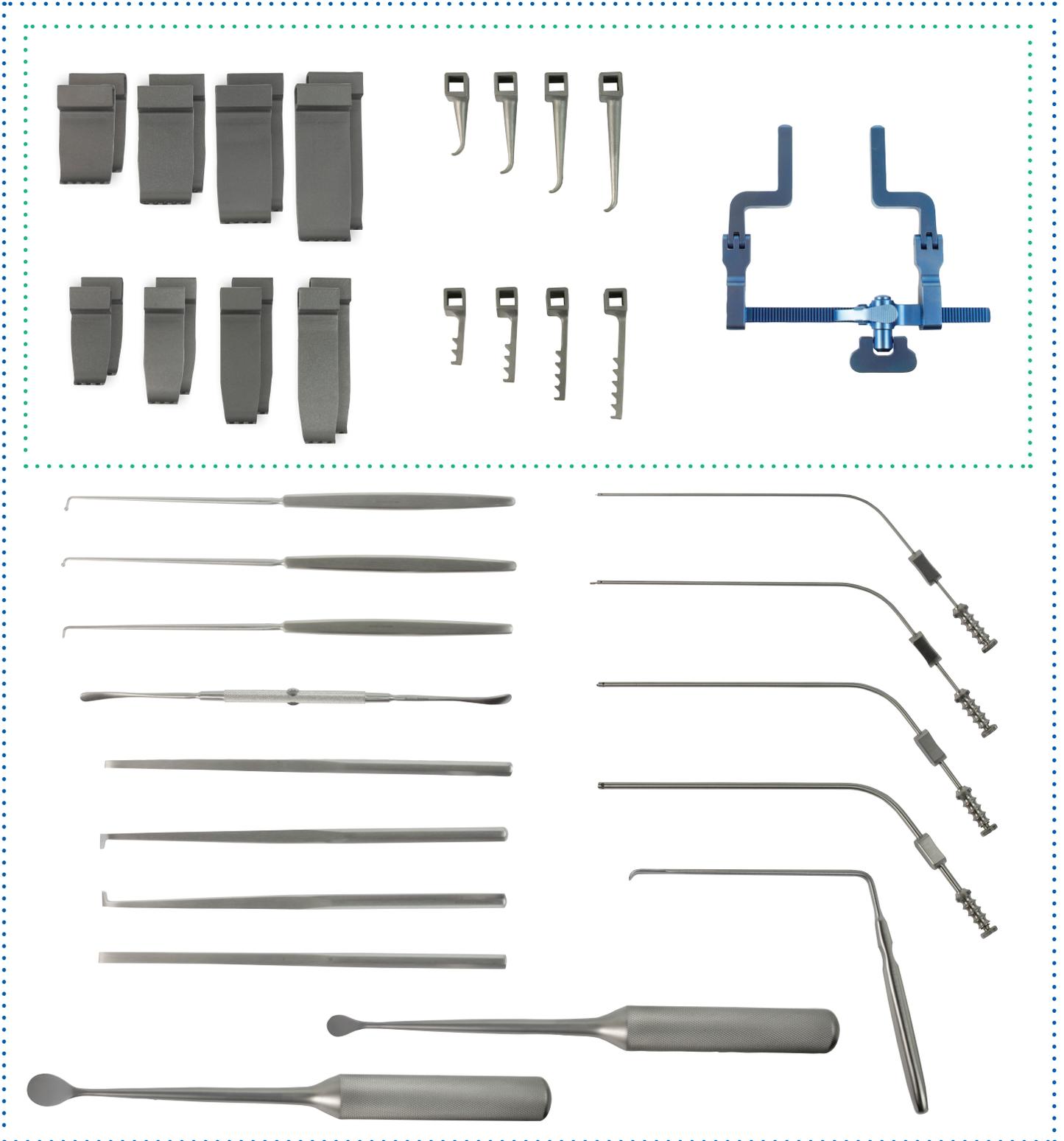
ANTEATER™

Titanium Microdiscectomy System

Simplicity, strength and radiolucent capabilities for microscope-aided spinal surgery.

● 73-1500HT Complete Set

● 73-1500HTS Mini Set



Cat #s	Qty	Description		
73-1505T	1	Retractor Frame, Hinged	●	●
27mm Wide Blades, Titanium				
73-1511T	1	Wide Muscle Blade, 40mm, Pair	●	●
73-1512T	1	Wide Muscle Blade, 50mm, Pair	●	●
73-1513T	1	Wide Muscle Blade, 60mm, Pair	●	●
73-1514T	1	Wide Muscle Blade, 70mm, Pair	●	●
20mm Narrow Blades, Titanium				
73-1521T	1	Narrow Muscle Blade, 40mm, Pair	●	●
73-1522T	1	Narrow Muscle Blade, 50mm, Pair	●	●
73-1523T	1	Narrow Muscle Blade, 60mm, Pair	●	●
73-1524T	1	Narrow Muscle Blade, 70mm, Pair	●	●
Hook Blades, Titanium				
73-1531T	1	Hook Blade, 30mm	●	●
73-1532T	1	Hook Blade, 40mm	●	●
73-1533T	1	Hook Blade, 50mm	●	●
73-1534T	1	Hook Blade, 60mm	●	●
Toothed Blades, Titanium				
73-1541T	1	Toothed Blade, 30mm	●	●
73-1542T	1	Toothed Blade, 40mm	●	●
73-1543T	1	Toothed Blade, 50mm	●	●
73-1544T	1	Toothed Blade, 60mm	●	●
Accessories				
73-1553	1	Nerve Root Retractor	●	
73-1554	1	D/E Blunt Elevator	●	
73-1564	1	Osteotome, 4mm	●	
73-1566	1	Osteotome, 6mm	●	
73-1571	1	Chisel, "Hockey Stick", Right	●	
73-1572	1	Chisel, "Hockey Stick", Left	●	
72-1091	1	Cobb Spinal Elevator, 1/2"	●	
72-1092	1	Cobb Spinal Elevator, 3/4"	●	
74-5505	1	Suction Tube, 5", 5Fr	●	
74-5507	1	Suction Tube, 5", 7Fr	●	
74-5509	1	Suction Tube, 5", 9Fr	●	
74-5512	1	Suction Tube, 5", 12Fr	●	
73-1590	1	Ball Probe, 4mm	●	
73-1593	1	Ball Probe, 7mm	●	
73-1598	1	Manipulation Hook	●	
73-1501	1	Sterilization Case for Complete Set	●	
73-1502	1	Sterilization Case for Mini Set		●

Additional Components, sold separately

73-1504T	Retractor Frame, Rigid, Titanium
73-1510T	Wide Muscle Blade, 30mm, Pair, Titanium
73-1515T	Wide Muscle Blade, 80mm, Pair, Titanium
73-1517T	Wide Muscle Blade, 90mm, Pair, Titanium
73-1520T	Narrow Muscle Blade, 30mm, Pair, Titanium
73-1525T	Narrow Muscle Blade, 80mm, Pair, Titanium
73-1527T	Narrow Muscle Blade, 90mm, Pair, Titanium
73-1535T	Hook Blade, 70mm, Titanium
73-1536T	Hook Blade, 80mm, Titanium
73-1545T	Toothed Blade, 70mm, Titanium
73-1546T	Toothed Blade, 80mm, Titanium

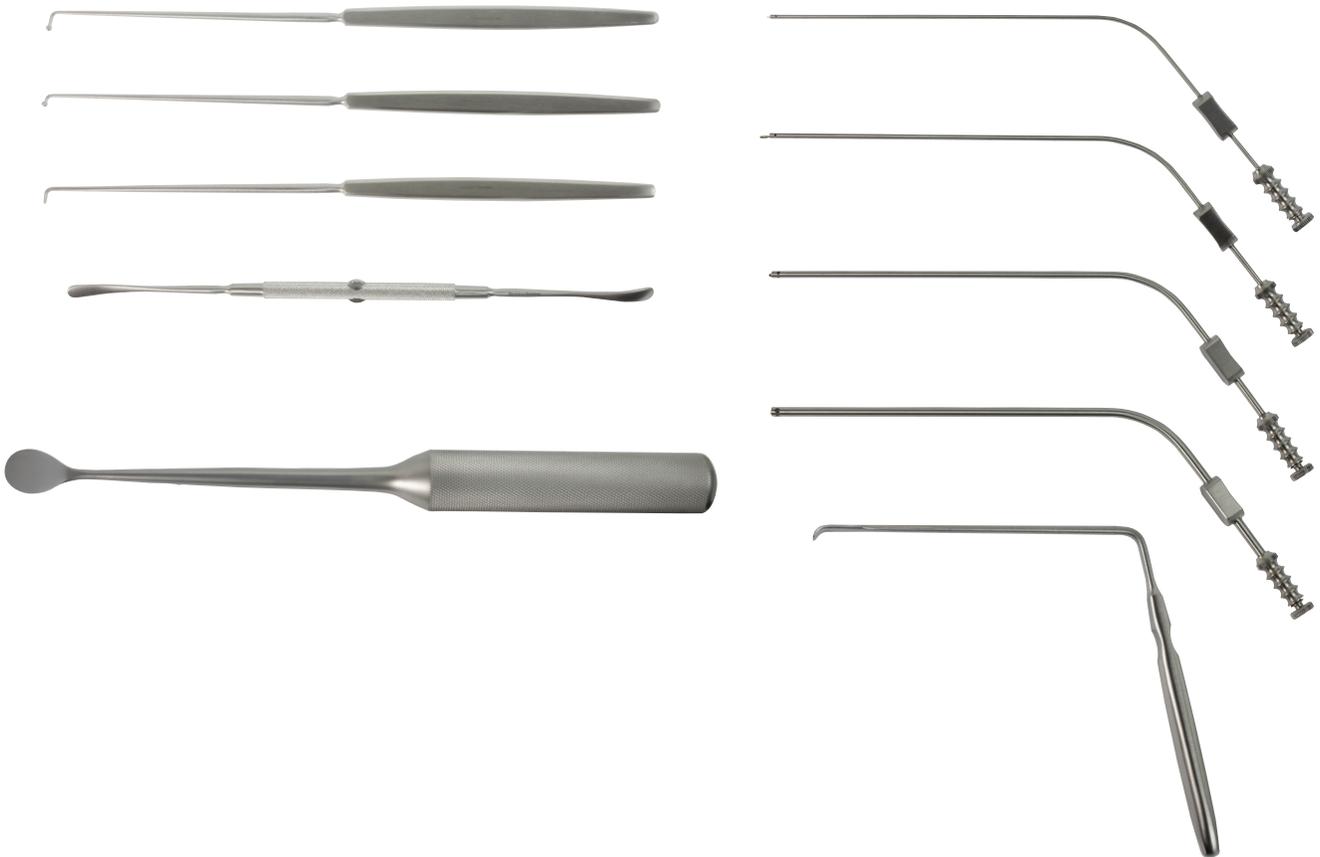
ANTEATER II™

Posterior Lumbar Retractor System

Maximum visualization with offset, radiolucent blades and extension bars for multilevel procedures.

● 73-1450 Complete Set

● 73-1448 Basic Set



Cat #s	Qty	Description		
73-1455	1	Retractor Frame	●	●
73-1457	2	Arm Extension Bar	●	●

27mm Wide Blades, Aluminum

73-1460	2	Wide Muscle Blade, 40mm, Red	●	●
73-1462	2	Wide Muscle Blade, 50mm, Violet	●	●
73-1464	2	Wide Muscle Blade, 60mm, Gold	●	●
73-1466	2	Wide Muscle Blade, 70mm, Green	●	●

20mm Narrow Blades, Aluminum

73-1470	2	Narrow Muscle Blade, 40mm, Red	●	●
73-1472	2	Narrow Muscle Blade, 50mm, Violet	●	●
73-1474	2	Narrow Muscle Blade, 60mm, Gold	●	●
73-1476	2	Narrow Muscle Blade, 70mm, Green	●	●

27mm Offset Blades, Aluminum

73-1484	2	Offset Muscle Blade, 60mm, Gold	●	●
73-1486	2	Offset Muscle Blade, 70mm, Green	●	●

Hook Blades, Titanium

73-1531T	1	Single Hook, 30mm	●	●
73-1532T	1	Single Hook, 40mm	●	●
73-1533T	1	Single Hook, 50mm	●	●
73-1534T	1	Single Hook, 60mm	●	●

Toothed Blades, Titanium

73-1541T	1	Multi-Tooth Hook, 30mm	●	●
73-1542T	1	Multi-Tooth Hook, 40mm	●	●
73-1543T	1	Multi-Tooth Hook, 50mm	●	●
73-1544T	1	Multi-Tooth Hook, 60mm	●	●

Accessories

73-6155	1	Depth Gauge, Color-Coded	●	●
73-1553	1	Nerve Root Retractor	●	
73-1554	1	Double-Ended Blunt Elevator	●	
72-1092	1	Cobb Spinal Elevator, 3/4"	●	
74-5505	1	Suction Tube, 5", 5 fr	●	
74-5507	1	Suction Tube, 5", 7Fr	●	
74-5509	1	Suction Tube, 5", 9Fr	●	
74-5512	1	Suction Tube, 5", 12Fr	●	
73-1590	1	Ball Probe, 4mm	●	
73-1593	1	Ball Probe, 7mm	●	
73-1598	1	Manipulation Hook	●	
73-1495	1	Sterilization Case	●	●

Additional Blade Sizes (not included in sets listed)

27mm Wide Blades, Aluminum

73-1468	Wide Muscle Blade, 27 x 80mm, Turquoise
73-1467	Wide Muscle Blade, 27 x 100mm, Grey
73-1469	Wide Muscle Blade, 27 x 120mm, Yellow
73-1469-140	Wide Muscle Blade, 27 x 140mm, Black

20mm Narrow Blades, Aluminum

73-1478	Narrow Muscle Blade, 20 x 80mm, Turquoise
73-1479	Narrow Muscle Blade, 20 x 90mm, Orange
73-1480	Narrow Muscle Blade, 20 x 100mm, Grey
73-1482	Narrow Muscle Blade, 20 x 120mm, Yellow
73-1482-140	Narrow Muscle Blade, 20 x 140mm, Black

27mm Offset Blades, Aluminum

73-1488	Offset Muscle Blade, 80mm, Turquoise
73-1490	Offset Muscle Blade, 100mm, Grey
73-1492	Offset Muscle Blade, 120mm, Yellow

Hook Blades, Titanium

73-1535T	Single Hook, 70mm
73-1536T	Single Hook, 80mm

Toothed Blades, Titanium

73-1545T	Multi-Tooth Hook, 70mm
73-1546T	Multi-Tooth Hook, 80mm

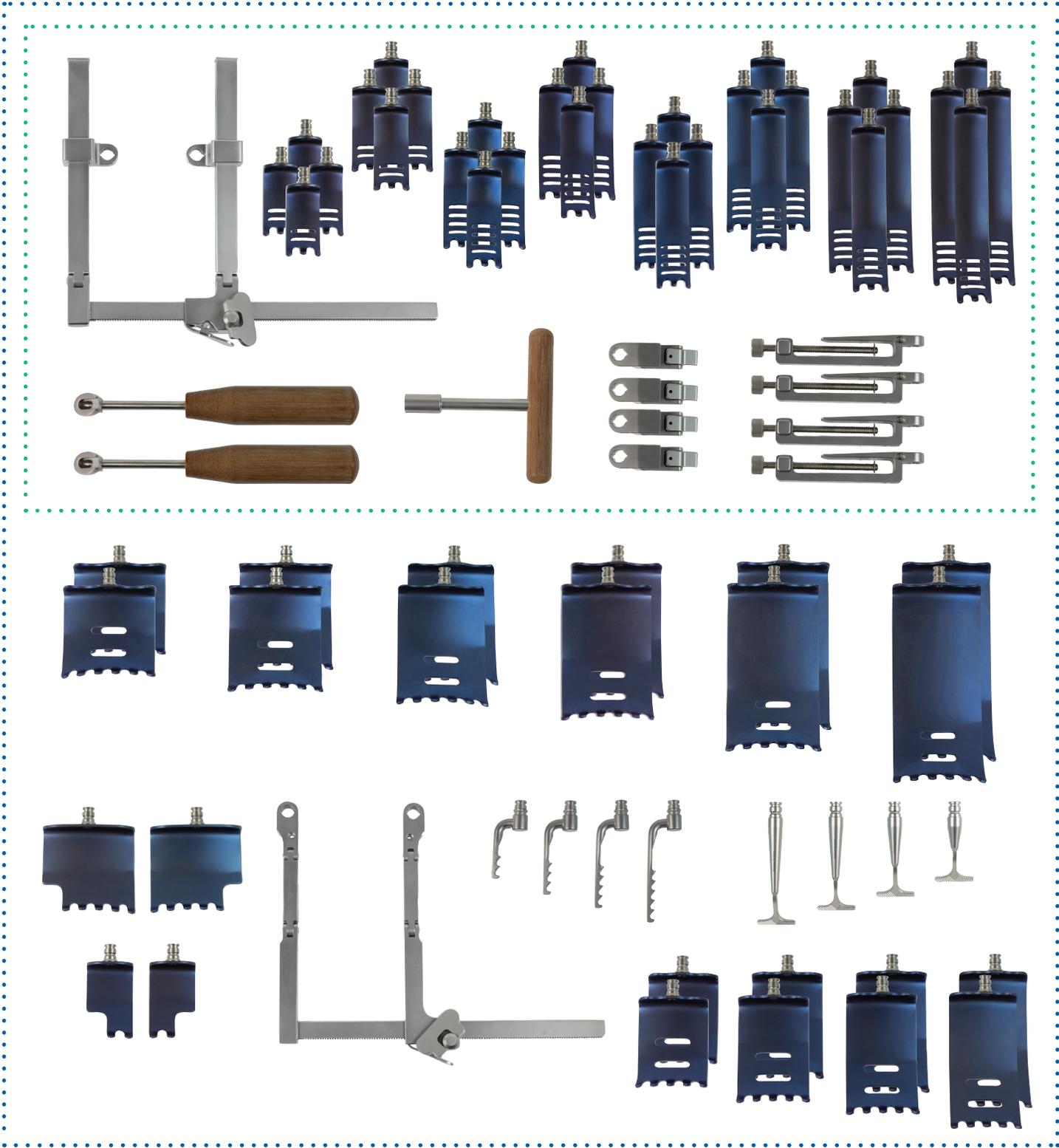
IMAGE-TRAC™

Posterior Lumbar Spine Retractor System

Built for all surgical procedures from T1 to S1, Image-Trac offers superior exposure and visualization.

● 73-8000 Complete Set

● 73-8000S Basic Set



Cat #s	Qty	Description		
73-8010	1	Scoville Hinged Retractor Frame	●	
73-8012	1	Retractor Frame For Multiple Blades	●	●
73-8014	1	Retractor T-Handle	●	●
73-8016	4	Adjustable Blade Holder for 73-8012	●	●
73-8018	4	Standard Blade Holder For 73-8012	●	●
73-8001	1	3-Level Sterilization Case	●	
73-8001S	1	2-Level Sterilization Case		●
73-6095	2	Blade Handle	●	●
25mm T-Bars				
73-8030	1	T-Bar, 40mm	●	
73-8032	1	T-Bar, 50mm	●	
73-8034	1	T-Bar, 60mm	●	
73-8036	1	T-Bar, 70mm	●	
Sacral Blades				
73-8040T	1	Sacral Cutout, Right, 30 X 40mm	●	
73-8042T	1	Sacral Cutout, Left, 30 X 40mm	●	
73-8044T	1	Sacral Cutout, Right, 60 X 45mm	●	
73-8046T	1	Sacral Cutout, Left, 60 X 45mm	●	
23mm Narrow Blades				
73-8071T	4	Blade, 35mm	●	●
73-8072T	4	Blade, 45mm	●	●
73-8073T	4	Blade, 55mm	●	●
73-8074T	4	Blade, 65mm	●	●
73-8075T	4	Blade, 75mm	●	●
73-8076T	4	Blade, 85mm	●	●
73-8077T	4	Blade, 100mm	●	●
73-8078T	4	Blade, 120mm	●	●
45mm Wide Blades				
73-8051T	2	Blade, 50mm	●	
73-8052T	2	Blade, 60mm	●	
73-8053T	2	Blade, 70mm	●	
73-8054T	2	Blade, 80mm	●	
60mm Extra-Wide Blades				
73-8055T	2	Blade, 50mm	●	
73-8056T	2	Blade, 60mm	●	
73-8057T	2	Blade, 70mm	●	
73-8058T	2	Blade, 80mm	●	
73-8059T	2	Blade, 100mm	●	
73-8060T	2	Blade, 120mm	●	
Hooks				
73-8022	1	Multiple Tooth Hook, Sharp, 40mm	●	
73-8023	1	Multiple Tooth Hook, Sharp, 50mm	●	
73-8024	1	Multiple Tooth Hook, Sharp, 60mm	●	
73-8025	1	Multiple Tooth Hook, Sharp, 70mm	●	

Additional Components, sold separately

73-8026	Single Hook, Sharp, 40mm
73-8027	Single Hook, Sharp, 50mm
73-8028	Single Hook, Sharp, 60mm
73-8029	Single Hook, Sharp, 70mm
73-8029X	Single Hook, Sharp, 80mm
73-8080	Single Hook, Sharp, 90mm
73-8082	Single Hook, Sharp, 100mm
73-8054-90T	Blade, 45mm x 90mm
73-8054-100T	Blade, 45mm x 100mm
73-8063T	Blade, 45mm x 140mm

MINIMALLY INVASIVE RETRACTOR SYSTEM

Microscope-aided surgery requires retraction that is equally precise. The BOSS Minimally Invasive Retractor System offers the necessary level of precision, variety and strength allowing surgeons to focus on their work.



73-2956
Stainless Steel Rigid Retractor Arm
(Uses 73-2955 Table Clamp)



73-3052T
Standard Titanium Retractor



73-3052TB
Beveled Titanium Retractor
(add "B" suffix to standard part number)

TITANIUM RETRACTOR SIZES

	DIAMETER						
	14mm	16mm	18mm	20mm	22mm	24mm	26mm
3cm	73-3000T	73-3020T	73-3040T	73-3060T	73-3080T	73-3100T	73-3120T
4cm	73-3002T	73-3022T	73-3042T	73-3062T	73-3082T	73-3102T	73-3122T
5cm	73-3004T	73-3024T	73-3044T	73-3064T	73-3084T	73-3104T	73-3124T
6cm	73-3006T	73-3026T	73-3046T	73-3066T	73-3086T	73-3106T	73-3126T
7cm	73-3008T	73-3028T	73-3048T	73-3068T	73-3088T	73-3108T	73-3128T
8cm	73-3010T	73-3030T	73-3050T	73-3070T	73-3090T	73-3110T	73-3130T
9cm	73-3012T	73-3032T	73-3052T	73-3072T	73-3092T	73-3112T	73-3132T
10cm	73-3014T	73-3034T	73-3054T	73-3074T	73-3094T	73-3114T	73-3134T
11cm	73-3016T	73-3036T	73-3056T	73-3076T	73-3096T	73-3116T	73-3136T
12cm	73-3018T	73-3038T	73-3058T	73-3078T	73-3098T	73-3118T	73-3138T
dilator required	73-2950T 73-2955T 73-2960T 73-2962T	73-2964T	73-2966T	73-2968T	73-2970T	73-2972T	73-2974T

INSTRUMENTATION FOR MINIMALLY INVASIVE RETRACTOR SYSTEM



IVD RONGEURS

Working length 7" (180mm)

Item	Description
70-1470P	2mm Micropituitary
70-1471P	2mm Straight Pituitary
70-1472P	2mm Upbiting Pituitary
70-1473P	2mm Downbiting Micropituitary
70-1474P	2mm Upbiting Micropituitary
70-1476P	2mm Downbiting Pituitary
70-1478P	2mm Pituitary with Tooth
70-1490P	4mm Straight Pituitary
70-1492P	4mm Upbiting Pituitary

ADDITIONAL

Item	Description
73-3374P	Straight Micro Scissors
73-3375P	Curved Scissors
18-1040P	Nerve Root Retractor
73-0994P	Suction Retractor
73-0994WP	Suction Retractor, Extra Wide
73-0995P	Wide Nerve Root Retractor
74-4930P	Suction Tube #8
74-4932P	Suction Tube #10
74-4934P	Suction tube #12
910-7305	MIS Bipolar Forceps 9", Straight, 1.2 mm
910-7309	MIS Bipolar Forceps 9", Angled, 1.2 mm
73-2930	MIS Retractor Case I, 3-level, incl 73-2931, 73-2932, 73-2933
73-2935	MIS Retractor Case II, 4-level, incl 73-2936, 73-2937, 73-2938 (x2)
73-2939	MIS Retractor Case For 73-2956 Rigid Arm and 73-2955 Table Clamp



BAYONET SPURLING KERRISONS

Working length 6" (150mm), Ejector
Large Handle, 15mm Bite

Size	40 deg	90 deg
1mm*	70-2251P	70-2241P
2mm	70-2340P	70-2350P
3mm	70-2342P	70-2352P
4mm	70-2344P	70-2354P
5mm	70-2346P	70-2356P

*1mm is non-ejector style

CURETTES

Working length 5 1/2" (140mm)



Curette	Straight	Angled	Rev Angled
1.8mm	70-7454P	70-7456P	70-7458P
3.6mm	70-7460P	70-7462P	70-7464P
5.2mm	70-7470P	70-7472P	70-7474P

BAYONET PROBES & DISSECTORS

Working length 5" (125mm)



	Straight	Left	Right
Short Ball Probe	71-4962P	71-4964P	71-4960P
Long Ball Probe	71-4970P	71-4968P	71-4972P
Nerve Hook	71-4986P	71-4988P	71-4984P
90° Dissector	71-4992P	71-4994P	71-4990P

Dissectors	Push	Pull	45 Degree
Penfield #2	71-4978P	71-4980P	
Penfield #4	71-4974P	71-4976P	
Woodson			71-4996P

LOBSTER™

ALIF Retractor System

Affords retraction versatility and unparalleled ease of use in all exposure management situations.

● 18-4303C ALIF Set



Cat #s	Qty	Description
18-4306C	1	Table Clamp with Vertical Post
18-4315	1	Frame
18-4305	6	Retractor Clamp
18-4300C	1	Sterilization Case
Aluminum Retractor Blades		
18-4324A	2	Mayo Swivel, 2 3/4" x 2"
18-4326A	1	Mayo Swivel, 3 1/2" x 2"
18-4382A	1	Fence Swivel, 4" x 6"
18-4332A	1	Deaver Swivel, 2 3/4" x 4 1/2"
18-4364A	1	Malleable Swivel, 2" x 6 1/2"
18-4368A	1	Malleable Swivel, 3" x 6 1/2"

18-4344A	1	Harrington Swivel, 2" x 5"
18-4392A	2	Renal Swivel, 1" x 4 1/2"
18-4394A	2	Renal Swivel, 1" x 6"
18-4398A	2	Renal Swivel, 1" x 8"
18-4402A	1	Splanchnic Swivel, 1 1/2" x 6"
18-4404A	1	Splanchnic Swivel, 2" x 4 1/2"
18-4406A	1	Splanchnic Swivel, 2" x 6"
18-4408A	1	Splanchnic Swivel, 2" x 8"

Additional Components, sold separately

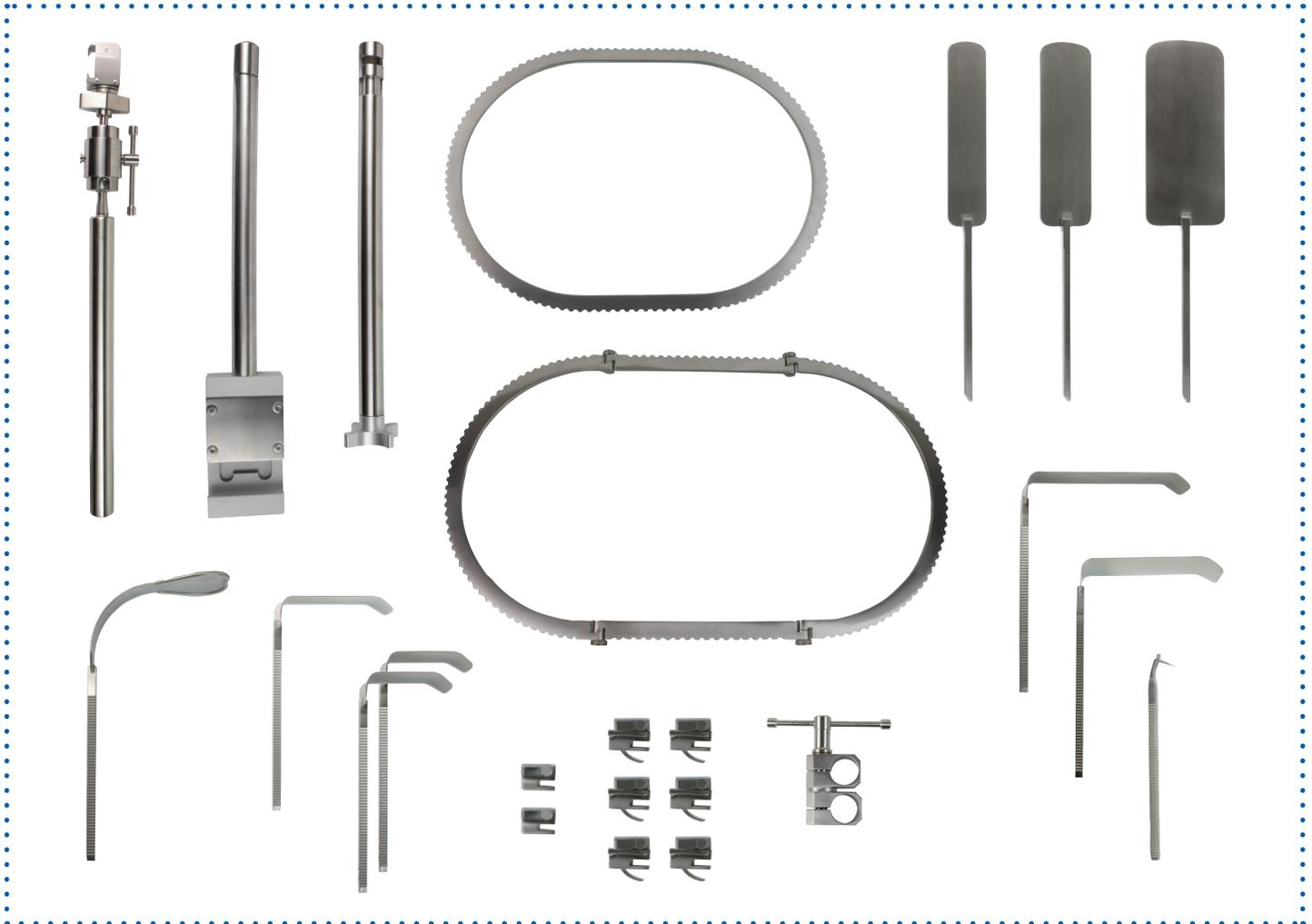
18-4316	Mini Frame
18-4308	Snap or Slide Retractor Clamp
18-4310	Frame Extension Bar, Hinged

WORKHORSE™

General Retractor System

Wound site visualization with a variety of frames and blade styles to accommodate the patient and the procedure.

● 18-4002C Workhorse Set



Cat #s	Qty	Description
18-4035C	1	Table Clamp with Vertical Post
18-4047	1	Post Clamp, Coupling
18-4021	1	Oval Ring, Medium
18-4028	1	Oval Segmented Ring, Medium
18-4049	6	Tilting Blade Clamp
18-4048	2	Non-Tilting Blade Clamp
18-4038C	1	Horizontal Flex Bar, Double Joint
18-4045C	1	Horizontal Solid Bar, No Flex
Stainless Steel Retractor Blades		
18-4075M	1	Malleable, 3" x 6"
18-4073M	1	Malleable, 2" x 6"

18-4070M	1	Malleable, 1 1/2" X 6"
18-4065	2	Kelly, 2" X 3"
18-4066	1	Kelly, 2" X 4"
18-4067	1	Kelly, 2" X 5"
18-4068	1	Kelly, 2" X 6"
18-4080	1	Balfour, 3" X 2 1/2"
18-4096	1	Harrington. 2 1/2" X 5"
18-4110	1	Gelpi Hook
Additional Components, sold separately		
18-4011	Sterilization Case, Table Fixation and Rings	
18-4012	Sterilization Case, Blades & Accessories	

HEADREST-MOUNTED

Microsurgical Retractor System

Made of lightweight, durable and radiolucent titanium with handrest to prevent surgeon fatigue.

- 73-2360T Standard Set
- 73-2361T Expanded Set



Cat #s	Qty	Description	●	●
73-2362T	4	Secondary Bar 12", Titanium	●	
73-2364T	4	Floating Secondary Bar, 12", Titanium		●
73-2368T	4	Flexible Retractor Arm, 9.5", Titanium	●	●
73-2370T	2	Primary Bar, 6", Titanium	●	●
73-2376T	->	Handrest, 10", Titanium	1	2
73-2378T	1	Pattie Tray, Titanium	●	●
73-2396	1	Sterilization Case	●	●

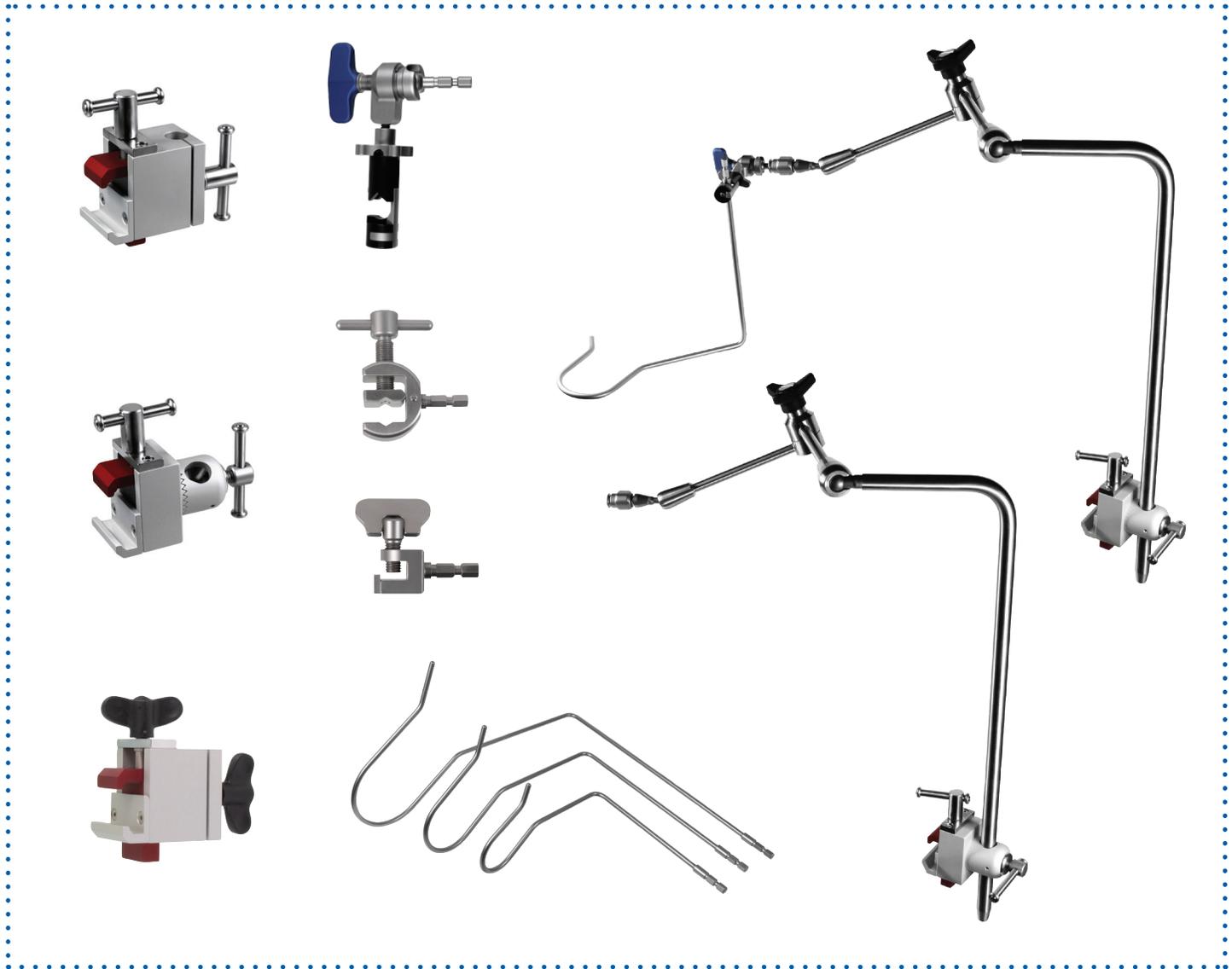
Titanium Retractor Blades				
73-2380T	1	Blade, Tapered, 1/16" to 1/4"	●	●
73-2382T	1	Blade, Tapered, 3/32" to 3/8"	●	●
73-2384T	1	Blade, Tapered, 1/8" to 1/2"	●	●
73-2386T	1	Blade, Tapered, 5/32" to 5/8"	●	●
73-2388T	1	Blade, Tapered, 1/4" to 3/4"	●	●

Additional Custom Components, sold separately	
73-2367T	Flexible Retractor Arm, 6.5", Titanium
73-2369T	Flexible Retractor Arm, 13.5", Titanium

UNIVERSAL ARM RETRACTOR SYSTEM

Multi-functional Table-mounted Retractor with Hex Fitting

Versatile retractor system can be used in liver, laparoscopic or spine procedures.



Cat #s	Description
18-4905	Table Clamp for Rigid Arm with Radel Knobs
18-4907	Table Clamp for Rigid Arm with Steel Knobs
18-4905R	Table Clamp for Rigid Arm, Rotatable
18-4955	Rigid Arm with Quick Connect Hex Fitting
18-4960	Hook Retractor Set (5mm Diameter)
18-4960-1	Hook Retractor, 5mm Diameter, Small
18-4960-2	Hook Retractor, 5mm Diameter, Medium
18-4960-3	Hook Retractor, 5mm Diameter, Large

18-4962	Hook Retractor Set (6.5mm Diameter)
18-4962-1	Hook Retractor, 6.5mm Diameter, Small
18-4962-2	Hook Retractor, 6.5mm Diameter, Medium
18-4962-3	Hook Retractor, 6.5mm Diameter, Large
18-4958	Swivel Scope Adapter for Hex Fitting
18-4959	Instrument Holder 'C' Clamp for Hex Fitting
73-2959	Rack Clamp with Hex Fitting to hold Retractor Frame

THE BENEFITS OF CHOOSING BOSS

BOSS Instruments, located in Central Virginia, has been dedicated to developing and manufacturing high-quality, German-crafted retractor systems for over 30 years. Retractor systems may consist of just a few components that fit into one small tray or a more comprehensive system that mounts to a table and spans multiple containers. With BOSS, you have a range that covers everything, and with specific patented technology, it allows surgeons the ability to perform any procedure with maximum visualization.

Key features of the BOSS retractor offering include:

Patented Improvements

BOSS has developed novel improvements on the functions of time-honored retractor systems, while maintaining cross-compatibility with comparable systems already on the market.

Test Drive

Try it before you buy! Free 2-week trial prior to purchase on most retractor systems for medical facilities in the U.S.

Extraordinary Service

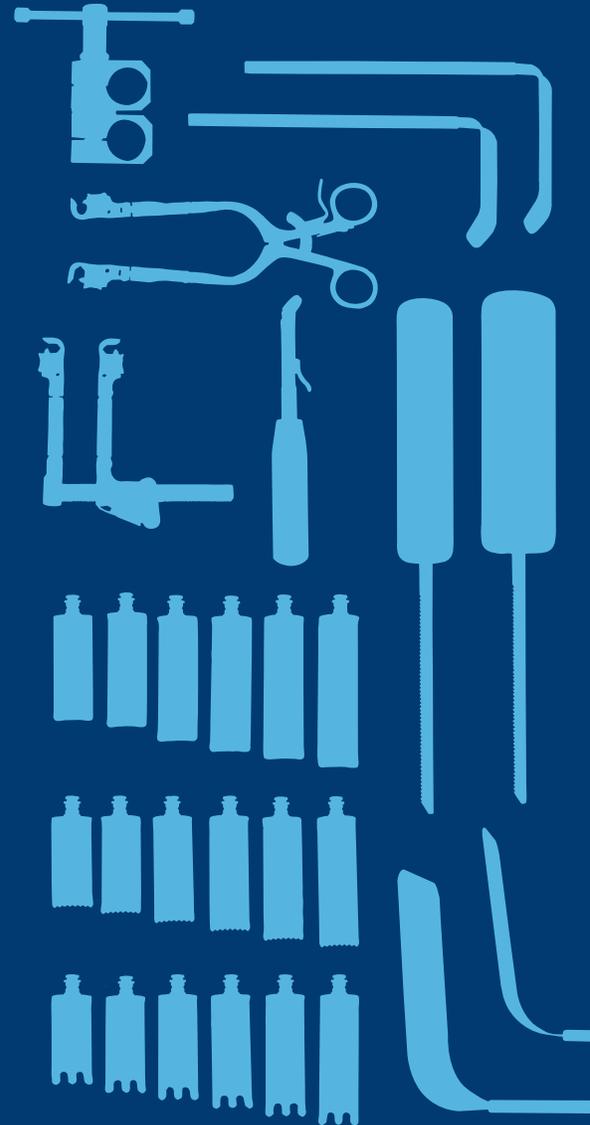
Field sales representatives available to help with evaluations, set customization and post-sale service.

Quality Performance

High-strength German stainless steel, as well as an extensive range of titanium or aluminum materials used to ensure clinical integrity

Peace of Mind

All BOSS retractors come with a lifetime guarantee against defects in manufacturing and workmanship.



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