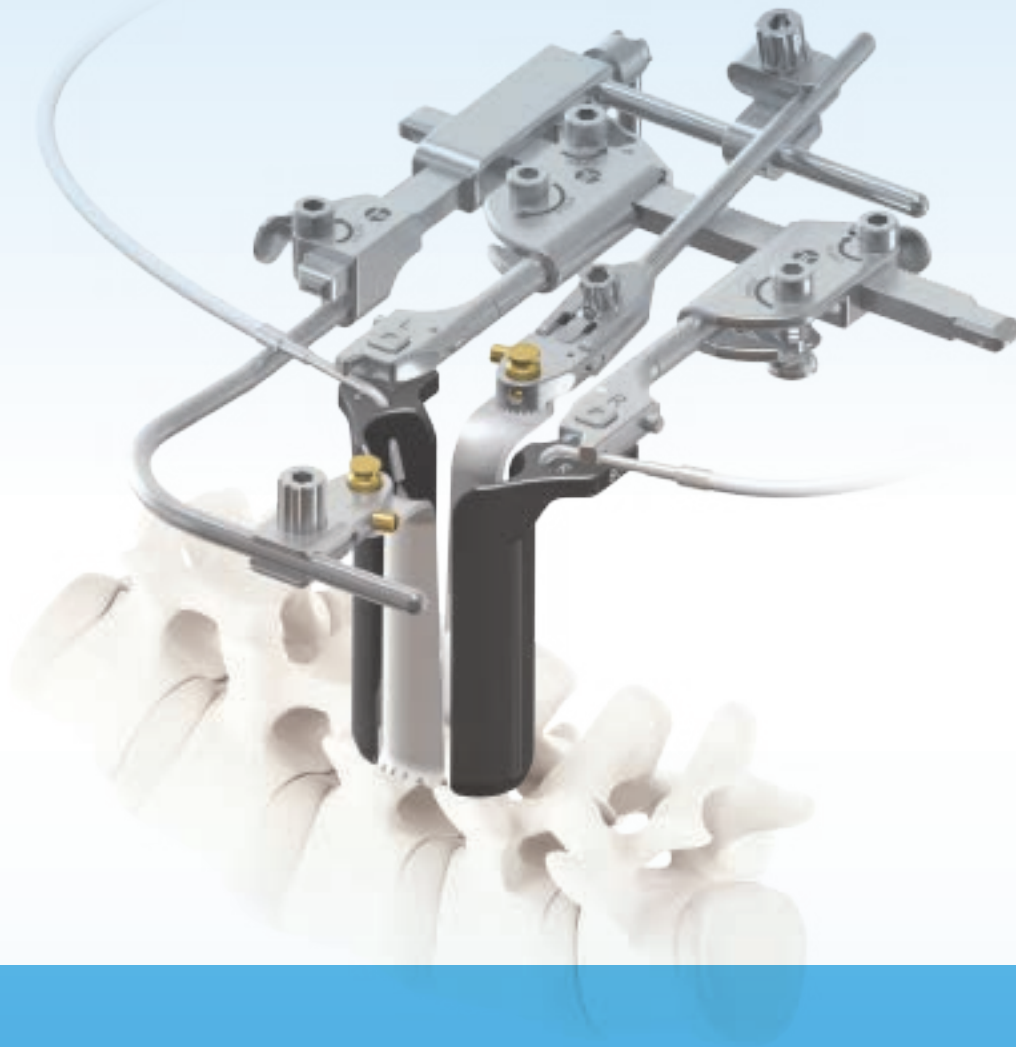


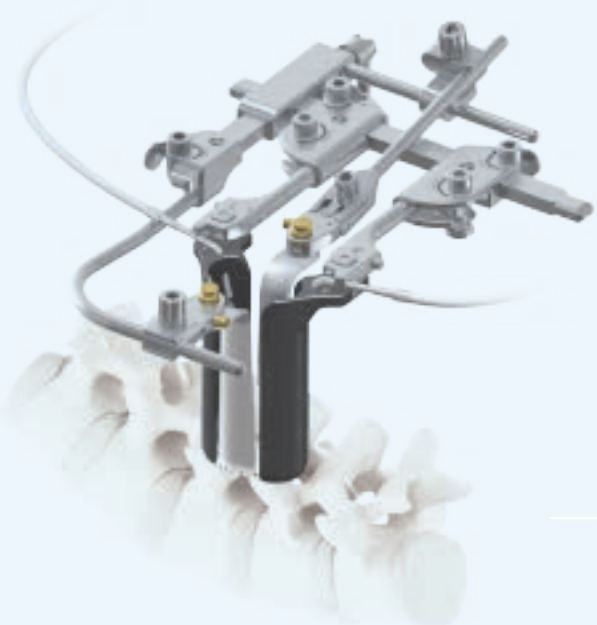
Posterior Lumbar Access (PLA®) System Selection Guide

Thompson Retractor 



- TRANSFORAMINAL LUMBAR INTERBODY FUSION
- POSTERIOR LUMBAR INTERBODY FUSION
- DECOMPRESSION
- PEDICLE SCREW FIXATION

Uncompromised Exposure.



Uncompromised MIS Posterior Lumbar Exposure

The MIS Posterior Lumbar Access (PLA®) System allows spine surgeons to accomplish minimal access with maximum visualization. Utilizing a versatile frame platform, the system provides flexible, independent retraction and angling from all directions while also providing controlled and stable exposure. The PLA is the solution to obtaining Uncompromised MIS Exposure for a variety of posterior lumbar approaches and procedures.

- Provides excellent exposure for Transforaminal Lumbar Interbody Fusion, Posterior Lumbar Interbody Fusion, Decompression, and Pedicle Screw Fixation.

MIS Spine Frame Exclusive Features

The MIS Spine Frame is the platform for the posterior lumbar access blades and accessories. Simply add blades to use as a tubular or split tube retractor or combine with frame attachments to allow for independent retraction in 4 directions.



MIS SPINE FRAME BASE

- Independent 30° angling without blade dive
- Independent retraction in 2 directions
- Quick connect T-Handle makes adjustments easy
- Two sterile mount options provide versatility



ADD ON ANGLING RETRACTOR HANDLES AND JOINTS

- Medial/lateral independent retraction options
- Independent, low profile angling, no rise up
- S-Lock® technology eliminates blade swivel

Allows for MIS tubular exposures and mini-open split tube exposures with the flexibility to use 2, 3, or 4 radiolucent blades at a time.



Low profile two blade exposure option provides tubular or split tube visualization

OR



Add independent attachments to create four blade exposures and achieve lateral visualization

MINIMAL ACCESS,
MAXIMUM EXPOSURE

- Allows for MIS tubular exposures and mini-open split tube exposures
- Independent retraction & angling on all blades
- Flexibility to use 2, 3, or 4 radiolucent blades at a time
- 2 frame mount options provide versatility
- Low profile, familiar, Thompson Retractor components



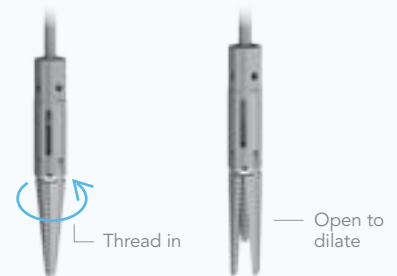
ADD ON MEDIAL/LATERAL
FRAME BARS

- U-Shaped bar allows for addition of medial and lateral retractors
- L-Shaped bar allows for the addition of medial or lateral retractor
- Easy to add or remove from frame rack as needed for different exposures



STERILE TABLE MOUNT AND
RIGID ARTICULATING ARM

- Mounts and adjusts in the sterile field
- Fast and easy positioning
- Dual frame attachment options



ONE STEP DILATOR

- Prevents "pushing" toward spine
- Eliminates K-wire
- Simply rotate into body and expand to dilate
- Alternate option to Sequential Dilator Kit (81010)

Thompson MIS Spine Frame

THE MIS SPINE FRAME IS THE PLATFORM FOR THE PLA BLADES AND ACCESSORIES.

Select a frame below and add blades and accessories from the following pages to complete the system.



MIS SPINE FRAME

QTY.	ITEM DESCRIPTION	PART #
	MIS Spine Frame*	81030
(A)	1 Elite II Rail Clamp with 1 Cam Joint 16"	41902ACL
(B)	1 MIS Spine Articulating Arm	42138N
(C)	1 MIS Spine Frame Rack 200mm	60010
(D)	1 MIS Spine Frame Left Arm	60009
(E)	1 MIS Spine Frame Right Arm	60008
(F)	1 MIS Spine Frame U-Bar Add-on	47212
(G)	1 MIS Spine Frame L-Bar Add-on	47213
(H)	1 1/4" Side Clip x 1/4" Slide with Thumb Screw	47205T
(I)	1 S-Lock Anging Handle 5"	SL45002AS
(J)	1 S-Lock Interchangeable Head with 1/4" Scissor	SL45012S
(K)	2 MIS Spine Frame T-Handle	60020
(L)	1 Angling Head Wrench	43032
	1 MIS Spine Frame Instrument Case (not shown)	50000MSF

*Offers Caudal/Cephalad and Medial/Lateral retraction
Comes with organized instrument case

OPTIONAL ADD-ONS

	MIS Spine Frame Rack 150mm	60011
	MIS Spine Frame Rack 250mm	60012
(M)	S-Lock Quick Angle Handle 6" (replaces SL45002AS)	SL45003G

MIS SPINE FRAME BASIC

QTY.	ITEM DESCRIPTION	PART #
	MIS Spine Frame Basic**	81030B
(A)	1 Elite II Rail Clamp with 1 Cam Joint 16"	41902ACL
(B)	1 MIS Spine Articulating Arm	42138N
(C)	1 MIS Spine Frame Rack 150mm	60011
(D)	1 MIS Spine Frame Left Arm	60009
(E)	1 MIS Spine Frame Right Arm	60008
(K)	1 MIS Spine Frame T-Handle	60020
	1 MIS Spine Frame Instrument Case (not shown)	50000MSF

**Offers Caudal/Cephalad retraction only
Comes with organized instrument case

The MIS Spine Frame is recommended for use with the PLA blade kits on the next pages.

MIS Posterior Lumbar Access Dilators

Add a dilator kit of choice with corresponding instrument case



PLA SEQUENTIAL DILATOR KIT (Sequential Dilators)

QTY.	ITEM DESCRIPTION	PART #
	PLA Dilator Kit	81010
(A)	1 Dilator #1 - 7mm	45831
(B)	1 Dilator #2 - 12mm	45832
(C)	1 Dilator #3 - 17mm	45833
(D)	1 Dilator #4 - 21mm	45834

PLA BLADE AND SEQUENTIAL DILATOR CASE

PLA Instrument Case (not shown) 50000PLA

PLA ONE STEP DILATOR KIT

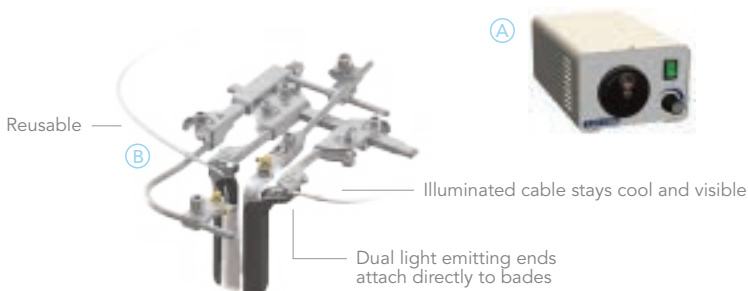
QTY.	ITEM DESCRIPTION	PART #
	One Step Dilator Kit	81012
(E)	1 One Step Dilator 22mm	01-01004
(F)	1 One Step Dilator T-Handle	01-02015
(G)	1 One Step Dilator Wrench	01-01006
(H)	1 One Step Dilator Connector	42163

PLA BLADE AND ONE STEP DILATOR CASE

PLA and One Step Dilator Case 50000PLAO

Illumination

Add LED lights for low profile, better visualization.



PLA ILLUMINATION KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA Illumination Kit*	40001MIS
(A)	1 LED Light Source	LLS-2000
(B)	1 PLA MIS Retractor Lite LED	40002MIS

*MIS Retractor Lite LED fits in 50000MSF with MIS Spine Frame

MIS Posterior Lumbar Access Caudal / Cephalad and Hook Blade Kits

All Posterior Lumbar Access blades are radiolucent and available in depths of 40mm-120mm to meet all patient sizes.



PLA CAUDAL/CEPHALAD BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA C/C 22mm Blade Kit	81022
(A) 1	Caudal/Cephalad 22mm x 40mm	45924R
(B) 1	Caudal/Cephalad 22mm x 40mm	45924L
1	Caudal/Cephalad 22mm x 50mm	45925R*
1	Caudal/Cephalad 22mm x 50mm	45925L*
1	Caudal/Cephalad 22mm x 60mm	45926R*
1	Caudal/Cephalad 22mm x 60mm	45926L*
1	Caudal/Cephalad 22mm x 70mm	45927R*
1	Caudal/Cephalad 22mm x 70mm	45927L*
1	Caudal/Cephalad 22mm x 80mm	45928R*
1	Caudal/Cephalad 22mm x 80mm	45928L*
1	Caudal/Cephalad 22mm x 90mm	45929R*
1	Caudal/Cephalad 22mm x 90mm	45929L*
1	Caudal/Cephalad 22mm x 100mm	45930R
1	Caudal/Cephalad 22mm x 100mm	45930L
1	Caudal/Cephalad 22mm x 110mm	45931R
1	Caudal/Cephalad 22mm x 110mm	45931L
1	Caudal/Cephalad 22mm x 120mm	45932R
1	Caudal/Cephalad 22mm x 120mm	45932L

*Included in PLA Caudal/Cephalad Basic Blade Kit 81022B

NOTE: Instrument Case not included. Add Case #50000PLA or #50000PLAO based upon dilator style selected.

PLA HOOK BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA Hook Blade Kit	SL81031
(C) 1	Hook 40mm	SL45764
1	Hook 50mm	SL45765
1	Hook 60mm	SL45766
1	Hook 70mm	SL45767
1	Hook 80mm	SL45768
1	Hook 90mm	SL45769
1	Hook 100mm	SL45770
1	Hook 110mm	SL45771
1	Hook 120mm	SL45772

PLA HOOK BASIC BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA Hook Basic Blade Kit	SL81031B
1	Hook 50mm	SL45765
1	Hook 60mm	SL45766
1	Hook 70mm	SL45767
1	Hook 80mm	SL45768
1	Hook 90mm	SL45769

NOTE: Instrument Case not included. Use Case #50000PLA or #50000PLAO based upon dilator style selected.

MIS Posterior Lumbar Access Medial and Lateral Blade Kits

Medial and Lateral blades are offered in a variety of interchangeable styles. Blades are made from strong, radiolucent titanium and are available in depths of 40mm-120mm. Medial and Lateral Blades utilize S-Lock® Technology to eliminate blade swivel.



Add Medial and Lateral blade kits to prevent muscle creep & expand exposure

PLA M/L W/LIP BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA M/L with Lip Blade Kit	SL81033
Ⓓ 2	Medial/Lateral w/lip 13.5mm x 40mm	SL46704AT
2	Medial/Lateral w/lip 13.5mm x 50mm	SL46705AT
2	Medial/Lateral w/lip 13.5mm x 60mm	SL46706AT
2	Medial/Lateral w/lip 13.5mm x 70mm	SL46707AT
2	Medial/Lateral w/lip 13.5mm x 80mm	SL46708AT
2	Medial/Lateral w/lip 13.5mm x 90mm	SL46709AT
2	Medial/Lateral w/lip 13.5mm x 100mm	SL46710AT
2	Medial/Lateral w/lip 13.5mm x 110mm	SL46711AT
2	Medial/Lateral w/lip 13.5mm x 120mm	SL46712AT

PLA M/L W/LIP BASIC BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA M/L with Lip Basic Blade Kit	SL81033B
2	Medial/Lateral w/lip 13.5mm x 50mm	SL46705AT
2	Medial/Lateral w/lip 13.5mm x 60mm	SL46706AT
2	Medial/Lateral w/lip 13.5mm x 70mm	SL46707AT
2	Medial/Lateral w/lip 13.5mm x 80mm	SL46708AT
2	Medial/Lateral w/lip 13.5mm x 90mm	SL46709AT

NOTE: Instrument Case not included. Use Case #50000PLA or #50000PLAO based upon dilator style selected.

PLA M/L W/FINE TEETH BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA M/L with Fine Teeth Blade Kit	SL81035
Ⓔ 2	Medial/Lateral w/fine teeth 13.5 x 40mm	SL46604ATT
2	Medial/Lateral w/fine teeth 13.5 x 50mm	SL46605ATT
2	Medial/Lateral w/fine teeth 13.5 x 60mm	SL46606ATT
2	Medial/Lateral w/fine teeth 13.5 x 70mm	SL46607ATT
2	Medial/Lateral w/fine teeth 13.5 x 80mm	SL46608ATT
2	Medial/Lateral w/fine teeth 13.5 x 90mm	SL46609ATT
2	Medial/Lateral w/fine teeth 13.5 x 100mm	SL46610ATT
2	Medial/Lateral w/fine teeth 13.5 x 110mm	SL46611ATT
2	Medial/Lateral w/fine teeth 13.5 x 120mm	SL46612ATT

PLA M/L W/FINE TEETH BASIC BLADE KIT

QTY.	ITEM DESCRIPTION	PART #
	PLA M/L with Fine Teeth Basic Blade Kit	SL81035B
2	Medial/Lateral w/fine teeth 13.5 x 50mm	SL46605ATT
2	Medial/Lateral w/fine teeth 13.5 x 60mm	SL46606ATT
2	Medial/Lateral w/fine teeth 13.5 x 70mm	SL46607ATT
2	Medial/Lateral w/fine teeth 13.5 x 80mm	SL46608ATT
2	Medial/Lateral w/fine teeth 13.5 x 90mm	SL46609ATT

NOTE: Instrument Case not included. Use Case #50000PLA or #50000PLAO based upon dilator style selected.

Thompson

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International customers please call for more information.

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Patents: US4971038, US5025780, US5888197, US5897087, US5902233, US5984865, US6017008, US6033363, US6416465, US6511423, US7338442,
US7749163, US8257255, US8360971, US8617064. Other patents pending.

The One Step Dilator (01-01004, 01-02015, 01-01006) is manufactured by Thompson MIS and distributed by Thompson Surgical Instruments.

The MIS Retractor Lite LED (40002MIS) and LED Light Source (LLS-2000) are manufactured by Sunoptic Technologies® and distributed by Thompson Surgical Instruments.