

PHANTOM ML™ SERIES MIS LUMBAR RETRACTOR SET ML-2000



**TeDan Surgical
Innovations**

Phantom ML™ MIS LUMBAR SET

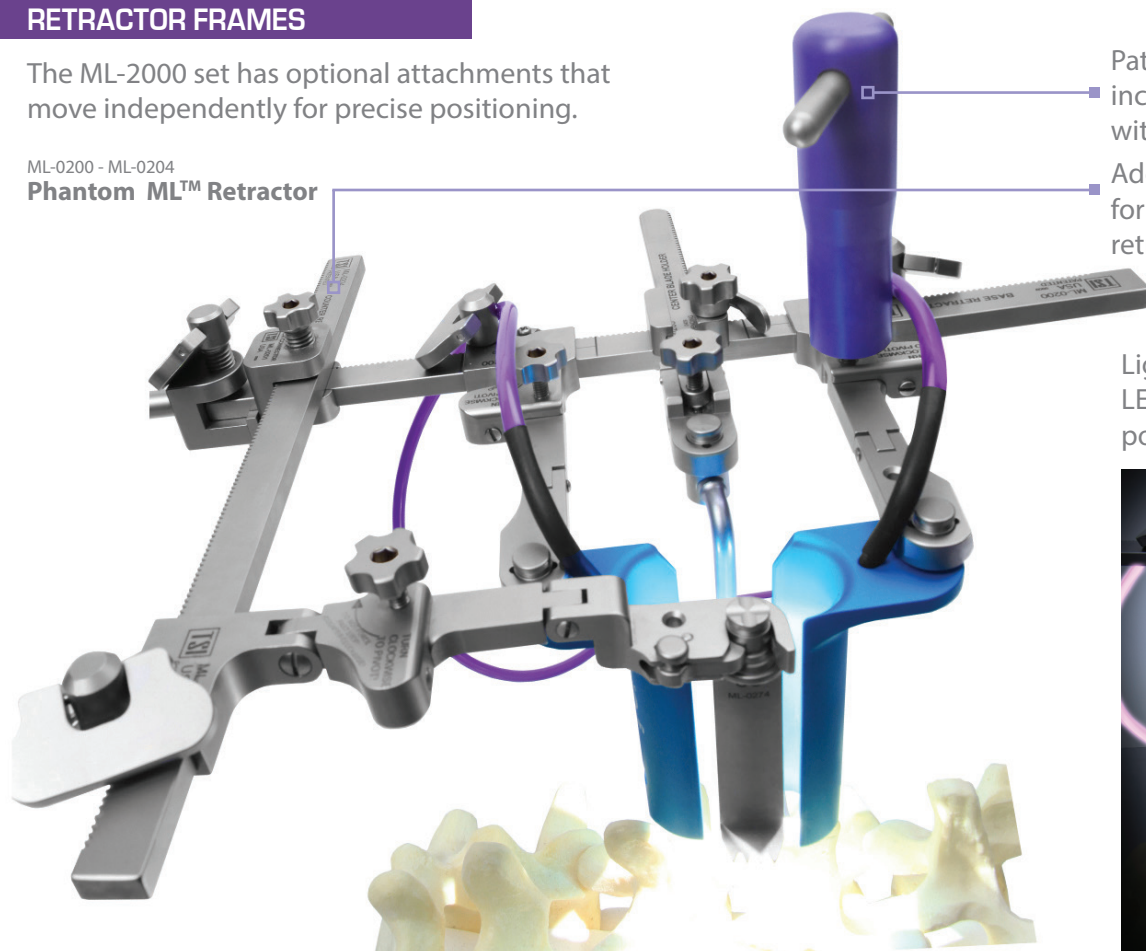
ML-2000

RETRACTOR FRAMES

The ML-2000 set has optional attachments that move independently for precise positioning.

ML-0200 - ML-0204

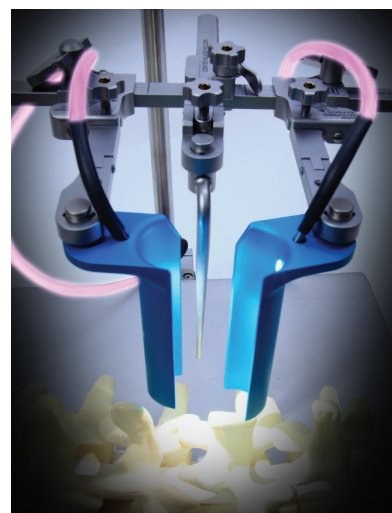
Phantom ML™ Retractor



Patented pivoting mechanism increases exposure up to 30° without enlarging the incision

Add on additional retractor for four way independent retraction

Lighting system delivers bright LED light through dual light ports for optimum visualization



RETRACTOR BLADES & HOOKS

Aluminum and titanium blades are offered in a variety of sizes from 50 mm to 120 mm. The retractor set also includes hooks to reduce tissue trauma.



LS-0086 - LS-0092

Phantom LS™ Straight Hooks



ML-0270 - ML-0283

Phantom ML™ Counter Retractor Blades
-Titanium



ML-0221 - ML-0258

Phantom ML™ Retractor Blades

-18 mm and 22 mm diameters available



ML-0290 - ML-0297

Phantom ML™ Fan Blades
-Titanium

DILATORS & OBTURATORS



Dilators and obturators can be used to perform dilation. Obturators fit through retractor blades with 18 and 22 mm diameters.

EXPERIENCE THE DIFFERENCE. EXPERIENCE INNOVATION.

ARM & CLAMP



ML-0044
**Phantom ML™
Rack Clamp w/
Quick Connector**

ML-0041
Phantom ML™ Table Clamp

Phantom ML™ MIS Retractor Set facilitates minimally invasive exposure and decompression for TLIF/PLIF and microdiscectomy procedures. With optional retractor arms available, three or four way retraction can be achieved to meet specific surgical needs. Multiple lengths and widths of retractor blades are available to accommodate diverse patient anatomies. TSI's innovative lighting system delivers bright LED light through dual light ports for optimum visualization.

LIGHTING



ML-0046
**Phantom ML™ Light Cable
w/ TeDan Connector**
-Sterile, Single Use Only



ML-0045
**Phantom ML™ Light Cable
w/ TeDan Connector**
-Reusable



ML-0051
Phantom ML™ LED Light Source
-Bright, 50-watt LED light
source, low heat

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*ML-0046 not included in set, optional item

PHANTOM ML™ MIS RETRACTOR SET

ML-2000

CAT. NO.	DESCRIPTION	QTY.			
CS-0105	CS SIDE-LOADING RET BLADE HANDLE	2	ML-0256	ML RET BLADES (L&R), 22MM DIA. X 100MM, CHOCOLATE	1
LS-0086	LS HOOK STRAIGHT, 40MM	1	ML-0257	ML RET BLADES (L&R), 22MM DIA. X 110MM, TURQ SPLASH	1
LS-0087	LS HOOK STRAIGHT, 50MM	1	ML-0258	ML RET BLADES (L&R), 22MM DIA. X 120MM, PURPLE SPLASH	1
LS-0088	LS HOOK STRAIGHT, 60MM	1	ML-0270	ML COUNTER RET BLADES 40MM TITANIUM	2
LS-0089	LS HOOK STRAIGHT, 70MM	1	ML-0272	ML COUNTER RET BLADES 50MM TITANIUM	2
LS-0090	LS HOOK STRAIGHT, 80MM	1	ML-0274	ML COUNTER RET BLADES 60MM TITANIUM	2
LS-0091	LS HOOK STRAIGHT, 90MM	1	ML-0276	ML COUNTER RET BLADES 70MM TITANIUM	2
LS-0092	LS HOOK STRAIGHT, 100MM	1	ML-0278	ML COUNTER RET BLADES 80MM TITANIUM	2
ML-0040	ML ARTIC ACCESSORY ARM ANG CLMN W/QUICK CONNECT	1	ML-0280	ML COUNTER RET BLADES 90MM TITANIUM	2
ML-0041	ML TABLE CLAMP F/ARTIC ARM	1	ML-0281	ML COUNTER RET BLADES 100MM TITANIUM	2
ML-0044	ML RACK CLAMP W/QUICK CONNECT F/ARTIC ARM	1	ML-0282	ML COUNTER RET BLADES 110MM TITANIUM	2
ML-0045	ML LIGHT CABLE, W/TEDAN CONNECT	1	ML-0283	ML COUNTER RET BLADES 120MM TITANIUM	2
ML-0051	ML LED LIGHT SOURCE	1	ML-0290	ML FAN BLADES 50MM TITANIUM	2
ML-0200	ML BASE RET W/PIVOTING ARMS, W/ LS-0451 T-HANDLE	1	ML-0291	ML FAN BLADES 60MM TITANIUM	2
ML-0201	ML RACK CONNECT	1	ML-0292	ML FAN BLADES 70MM TITANIUM	2
ML-0203	ML PIVOTING CENTER BLADE	1	ML-0293	ML FAN BLADES 80MM TITANIUM	2
ML-0204	ML COUNTER RET W/PIVOTING ARMS, W/ LS-0451 T-HANDLE	1	ML-0294	ML FAN BLADES 90MM TITANIUM	2
ML-0221	ML RET BLADES (L&R), 18MM DIA. X 50MM, VIOLET	1	ML-0295	ML FAN BLADES 100MM TITANIUM	2
ML-0222	ML RET BLADES (L&R), 18MM DIA. X 60MM, GOLD	1	ML-0296	ML FAN BLADES 110MM TITANIUM	2
ML-0223	ML RET BLADES (L&R), 18MM DIA. X 70MM, LIGHT GREEN	1	ML-0297	ML FAN BLADES 120MM TITANIUM	2
ML-0224	ML RET BLADES (L&R), 18MM DIA. X 80MM, TURQ	1	ML-0300	ML K-WIRE, SHRP 1.4MM X 230MM (9"), SING USE (6 PER PCK)	1
ML-0225	ML RET BLADES (L&R), 18MM DIA. X 90MM, FUCHSIA	1	ML-0310	ML DILATOR #1, 8MM, SILVER	1
ML-0226	ML RET BLADES (L&R), 18MM DIA. X 100MM, CHOCOLATE	1	ML-0312	ML DILATOR #2, 13MM, GREEN	1
ML-0227	ML RET BLADES (L&R), 18MM DIA. X 110MM, TURQ SPLASH	1	ML-0314	ML DILATOR #3, 18MM, BLUE	1
ML-0228	ML RET BLADES (L&R), 18MM DIA. X 120MM, PURPLE SPLASH	1	ML-0316	ML DILATOR #4, 22MM, RED	1
ML-0251	ML RET BLADES (L&R), 22MM DIA. X 50MM, VIOLET	1	ML-0320	ML OBTURATOR, 18MM, BLUE	1
ML-0252	ML RET BLADES (L&R), 22MM DIA. X 60MM, GOLD	1	ML-0322	ML OBTURATOR, 22MM, RED	1
ML-0253	ML RET BLADES (L&R), 22MM DIA. X 70MM, LIGHT GREEN	1	ML-0700-01	ML STERILIZATION TRAY - BLADES (FOR ML-2000 SET)	1
ML-0254	ML RET BLADES (L&R), 22MM DIA. X 80MM, TURQ	1	ML-0700-02	ML/XL STERILIZATION TRAY - ACCESSORIES (FOR ML-2000, ML-2005, & ML-2012 SETS)	1
ML-0255	ML RET BLADES (L&R), 22MM DIA. X 90MM, FUCHSIA	1			



ML-2000