

PHANTOM XL™ SERIES

EXTREME

LATERAL

RETRACTOR SETS

ML-2005 & ML-2012



**TeDan Surgical
Innovations**

PhantomXL™ EXTREME LATERAL SETS

ML-2005 & ML-2012

LATERAL BLADES W/ STANDARD CANNULATION: ML-2005 SET

ML-0350 – ML-0366



LATERAL BLADES W/ ANGLED CANNULATION: ML-2012 SET

ML-0460 – ML-0466



COUNTER AND RETRACTOR BLADES

Counter retractor blades assist when three of four way retraction is needed. Blades are radiolucent and easy to see under fluoroscopy.



ML-0380 - ML-0386
Phantom XL™ Counter Retractor Blades

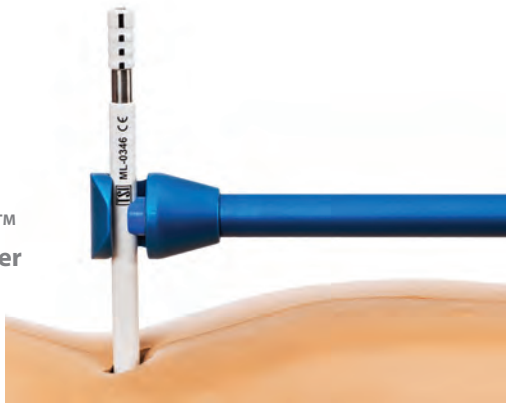


ML-0390 - ML-0396
Phantom XL™ Counter Retractor Fan Blades

INSULATED DILATORS

Insulated dilators facilitate intraoperative neuromonitoring. Dilators and dilator clip are compatible with any 1.5mm DIN Safety connector. Dilator holder helps keep the surgeon's hand out of the X-ray field.

ML-0056
**Phantom XL™
Dilator Holder**



ML-0345
**Phantom XL™
Dilator Clip**
-Sterile, Single
Use Only



ML-0441S
Phantom XL™ Insulated Dilators
-Sterile, Single Use Only

ML-0449S
Phantom XL™ Insulated Dilator, 22MM
-Sterile, Single Use Only

- Initial dilator is inserted into the incision and through the fascia and muscle tissue.
- Next, sequential dilation is performed by passing the next largest dilator over the previously inserted dilator.
- For angled cannulated blades, use the grooved dilators to slide down the raised cannulation.



ML-0342
Phantom XL™ Pedicle Screw Probe
-Sterile, Single Use Only



SCREWDRIVER & SCREWS

Screws can be inserted through cannulations on retractor blades to stabilize retractor.



ML-0055
Phantom XL™ Lateral Screw Driver for Blade Screws

ML-0370 - ML-0376
Phantom Screw for XL Blade
-Available from 90 mm to 150 mm
-Non-sterile

ARM & CLAMP

Retractors easily attach through quick connect rack clamp and articulating arm provides additional stability.



ML-0060
Phantom ML™ Articulating Accessory Arm



ML-0021
Phantom ML™ Rotating Table Clamp

LIGHTING



Light Port



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, 52-watt LED light source, cool light

EXPERIENCE THE DIFFERENCE. EXPERIENCE INNOVATION.

Phantom XL™ Extreme Lateral Retractor Sets provide exposure of the lateral lumbar spine for interbody fusions. Blade cannulations are offered on the outer or inner tips of the blades allowing lateral screws to insert and provide increased stability. One to four way retraction accommodates diverse patient anatomies. All cannulated blades are radiolucent and ideal for procedures using fluoroscopy. TSI's innovative lighting system delivers bright LED light through light ports for optimum visualization.



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PHANTOM XL™ EXTREME LATERAL RETRACTOR SET ML-2005

CAT. NO.	DESCRIPTION	QTY.
CS-0105	CS SIDE-LOADING RETRACTOR BLADE HANDLE	2
ML-0021	ML ROTATING TABLE CLAMP FOR ARTICULATING ARM	1
ML-0045	ML LIGHT CABLE, W/TEDAN CONNECTOR	1
ML-0051	ML LED LIGHT SOURCE	1
ML-0055	XL LATERAL SCREW DRIVER FOR BLADE SCREWS	1
ML-0056	XL DILATOR HOLDER	1
ML-0060	ML ARTICULATING ACCESSORY ARM ANGLED COLUMN W/RACK CLAMP	1
ML-0201	RACK CONNECTOR FOR ML RETRACTORS	1
ML-0202	XL BASE RETRACTOR WITH PIVOTING , W/ LS-0451 T-HANDLE	1
ML-0203	ML PIVOTING CENTER BLADE	1
ML-0204	ML COUNTER RETRACTOR WITH PIVOTING ARMS, W/ LS-0451 T-HANDLE	1
ML-0301	XL K-WIRE, BLUNT 1.5MM X 350MM (14"), SINGLE USE (6 PER PACK)	1
ML-0350	XL LATERAL BLADES CANNULATED (L&R) 18MM X 90MM, FUCHSIA	1
ML-0351	XL LATERAL BLADES CANNULATED (L&R) 18MM X 100MM, CHOCOLATE	1
ML-0352	XL LATERAL BLADES CANNULATED (L&R) 18MM X 110MM, TURQUOISE SPLASH	1
ML-0353	XL LATERAL BLADES CANNULATED (L&R) 18MM X 120MM, PURPLE SPLASH	1
ML-0354	XL LATERAL BLADES CANNULATED (L&R) 18MM X 130MM, GREEN	1
ML-0355	XL LATERAL BLADES CANNULATED (L&R) 18MM X140MM, BLACK	1
ML-0356	XL LATERAL BLADES CANNULATED (L&R) 18MM X 150MM, BLUE	1
ML-0360	XL LATERAL BLADES CANNULATED (L&R) 22MM X 90MM, FUCHSIA	1
ML-0361	XL LATERAL BLADES CANNULATED (L&R) 22MM X 100MM, CHOCOLATE	1
ML-0362	XL LATERAL BLADES CANNULATED (L&R) 22MM X 110MM, TURQUOISE SPLASH	1
ML-0363	XL LATERAL BLADES CANNULATED (L&R) 22MM X 120MM, PURPLE SPLASH	1
ML-0364	XL LATERAL BLADES CANNULATED (L&R) 22MM X 130MM, GREEN	1
ML-0365	XL LATERAL BLADES CANNULATED (L&R) 22MM X140MM, BLACK	1
ML-0366	XL LATERAL BLADES CANNULATED (L&R) 22MM X 150MM, BLUE	1
ML-0380	XL COUNTER RETRACTOR BLADE 14MM X 90MM	2
ML-0381	XL COUNTER RETRACTOR BLADE 14MM X 100MM	2
ML-0382	XL COUNTER RETRACTOR BLADE 14MM X 110MM	2
ML-0383	XL COUNTER RETRACTOR BLADE 14MM X 120MM	2
ML-0384	XL COUNTER RETRACTOR BLADE 14MM X 130MM	2
ML-0385	XL COUNTER RETRACTOR BLADE 14MM X 140MM	2
ML-0386	XL COUNTER RETRACTOR BLADE 14MM X 150MM	2
ML-0390	XL COUNTER RETRACTOR FAN BLADE 14MM X 90MM	2
ML-0391	XL COUNTER RETRACTOR FAN BLADE 14MM X 100MM	2
ML-0392	XL COUNTER RETRACTOR FAN BLADE 14MM X 110MM	2
ML-0393	XL COUNTER RETRACTOR FAN BLADE 14MM X 120MM	2
ML-0394	XL COUNTER RETRACTOR FAN BLADE 14MM X 130MM	2
ML-0395	XL COUNTER RETRACTOR FAN BLADE 14MM X 140MM	2
ML-0396	XL COUNTER RETRACTOR FAN BLADE 14MM X 150MM	2
ML-0700-02	ML/XL STERILIZATION TRAY - ACCESSORIES	1
ML-0705-01	XL STERILIZATION TRAY - BLADES (FOR ML-2005 SET)	1
SINGLE USE PRODUCTS		
ML-0046	ML LIGHT CABLE, W/TEDAN CONNECTOR, SINGLE USE (5/BOX)	1
ML-0342	XL PEDICLE SCREW PROBE, 10/BOX, STERILE, SINGLE USE	1
ML-0345	XL MULTI-STAGE LEAD-WIRE, STERILE, SINGLE USE	1
ML-0370	SCREW FOR XL BLADE 90MM, NON STERILE	1
ML-0371	SCREW FOR XL BLADE 100MM, NON STERILE	1
ML-0372	SCREW FOR XL BLADE 110MM, NON STERILE	1
ML-0373	SCREW FOR XL BLADE 120MM, NON STERILE	1
ML-0374	SCREW FOR XL BLADE 130MM, NON STERILE	1
ML-0375	SCREW FOR XL BLADE 140MM, NON STERILE	1
ML-0376	SCREW FOR XL BLADE 150MM, NON STERILE	1
ML-0441S	XL INSULATED DILATORS, (8, 13 & 18MM), STERILE, SINGLE USE	1
ML-0449S	XL INSULATED DILATOR, (22MM) STERILE, SINGLE USE	1
ML-0710	XL CADDY FOR LATERAL FIXATION SCREWS	1

PHANTOM XL™ EXTREME LATERAL RETRACTOR SET ML-2012

CAT. NO.	DESCRIPTION	QTY.
CS-0105	CS SIDE-LOADING RETRACTOR BLADE HANDLE	2
ML-0021	ML ROTATING TABLE CLAMP FOR ARTICULATING ARM	1
ML-0045	ML LIGHT CABLE, W/TEDAN CONNECTOR	1
ML-0051	ML LED LIGHT SOURCE	1
ML-0055	XL LATERAL SCREW DRIVER FOR BLADE SCREWS	1
ML-0056	XL DILATOR HOLDER	1
ML-0060	ML ARTICULATING ACCESSORY ARM ANGLED COLUMN W/RACK CLAMP	1
ML-0201	ML RACK CONNECTOR	1
ML-0202	XL BASE RETRACTOR W/PIVOTING ARMS, W/ LS-0451 T-HANDLE	1
ML-0203	ML PIVOTING CENTER BLADE	1
ML-0204	ML COUNTER RETRACTOR W/PIVOTING ARMS, W/ LS-0451 T-HANDLE	1
ML-0301	XL K-WIRE, BLUNT 1.5MM X 350MM (14"), SINGLE USE (6 PER PACK)	1
ML-0380	XL COUNTER RETRACTOR BLADE 14MM X 90MM	2
ML-0381	XL COUNTER RETRACTOR BLADE 14MM X 100MM	2
ML-0382	XL COUNTER RETRACTOR BLADE 14MM X 110MM	2
ML-0383	XL COUNTER RETRACTOR BLADE 14MM X 120MM	2
ML-0384	XL COUNTER RETRACTOR BLADE 14MM X 130MM	2
ML-0385	XL COUNTER RETRACTOR BLADE 14MM X 140MM	2
ML-0386	XL COUNTER RETRACTOR BLADE 14MM X 150MM	2
ML-0390	XL COUNTER RETRACTOR FAN BLADE 14MM X 90MM	2
ML-0391	XL COUNTER RETRACTOR FAN BLADE 14MM X 100MM	2
ML-0392	XL COUNTER RETRACTOR FAN BLADE 14MM X 110MM	2
ML-0393	XL COUNTER RETRACTOR FAN BLADE 14MM X 120MM	2
ML-0394	XL COUNTER RETRACTOR FAN BLADE 14MM X 130MM	2
ML-0395	XL COUNTER RETRACTOR FAN BLADE 14MM X 140MM	2
ML-0396	XL COUNTER RETRACTOR FAN BLADE 14MM X 150MM	2
ML-0460	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X 90MM, FUCHSIA	1
ML-0461	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X 100MM, CHOCOLATE	1
ML-0462	XL LATERAL BLADES ANG. CANNULATED (L&R) 22MM X 110MM, TURQUOISE SPLASH	1
ML-0463	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X 120MM, PURPLE SPLASH	1
ML-0464	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X 130MM, GREEN	1
ML-0465	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X140MM, BLACK	1
ML-0466	XL LATERAL BLADES ANGLED CANNULATED (L&R) 22MM X 150MM, BLUE	1
ML-0700-02	ML/XL STERILIZATION TRAY - ACCESSORIES	1
ML-0705-01	XL STERILIZATION TRAY - BLADES (FOR ML-2005 SET)	1
SINGLE USE PRODUCTS		
ML-0046	ML LIGHT CABLE, W/TEDAN CONNECTOR, SINGLE USE (5/BOX)	1
ML-0342	XL PEDICLE SCREW PROBE, 10/BOX, STERILE, SINGLE USE	1
ML-0345	XL MULTI-STAGE LEAD-WIRE, STERILE, SINGLE USE	1
ML-0370	SCREW FOR XL BLADE 90MM, NON STERILE	1
ML-0371	SCREW FOR XL BLADE 100MM, NON STERILE	1
ML-0372	SCREW FOR XL BLADE 110MM, NON STERILE	1
ML-0373	SCREW FOR XL BLADE 120MM, NON STERILE	1
ML-0374	SCREW FOR XL BLADE 130MM, NON STERILE	1
ML-0375	SCREW FOR XL BLADE 140MM, NON STERILE	1
ML-0376	SCREW FOR XL BLADE 150MM, NON STERILE	1
ML-0443S*	XL INSULATED DILATORS, SET OF 3 (8, 13, & 22MM GROOVED), STERILE, SINGLE USE	1
ML-0710	XL CADDY FOR LATERAL FIXATION SCREWS	1

*ML-0443S XL Coated Grooved Dilators are only used with ML-2012 Set



ML-2005