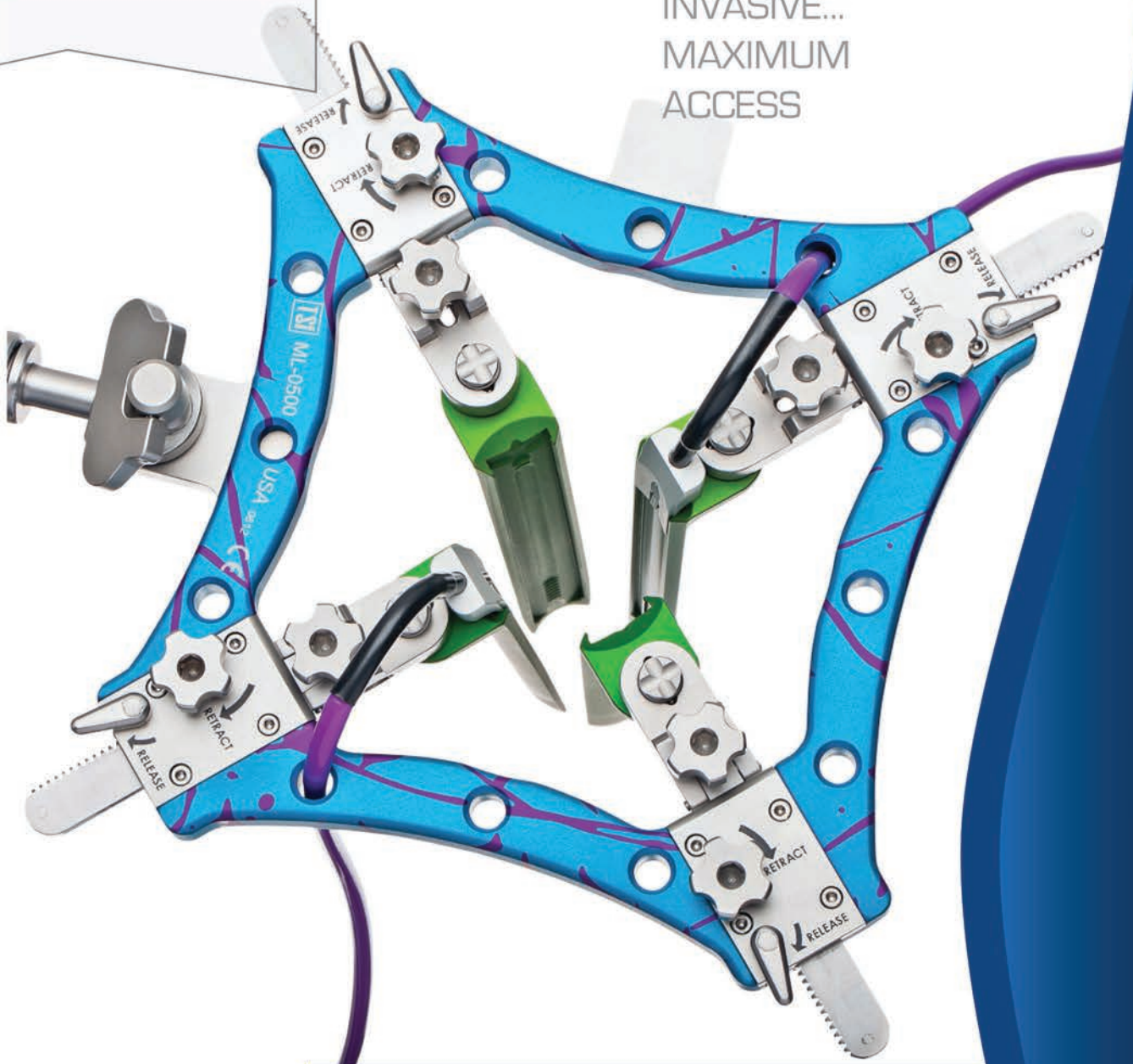


Phantom **SERIES**

Phantom XL™ Ring Retractor System

MINIMALLY
INVASIVE...
MAXIMUM
ACCESS



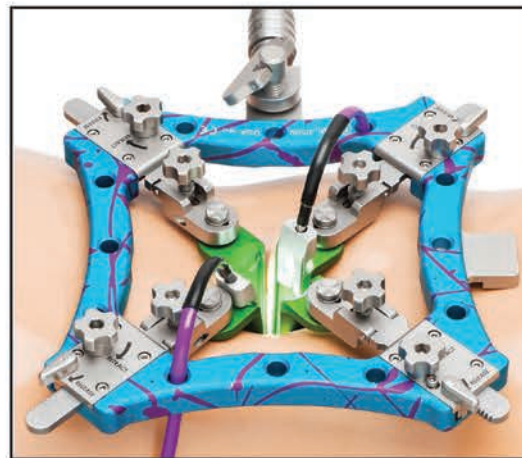
TSI

**TeDan Surgical
Innovations**

Phantom XL

Phantom XL™ Ring Retractor System

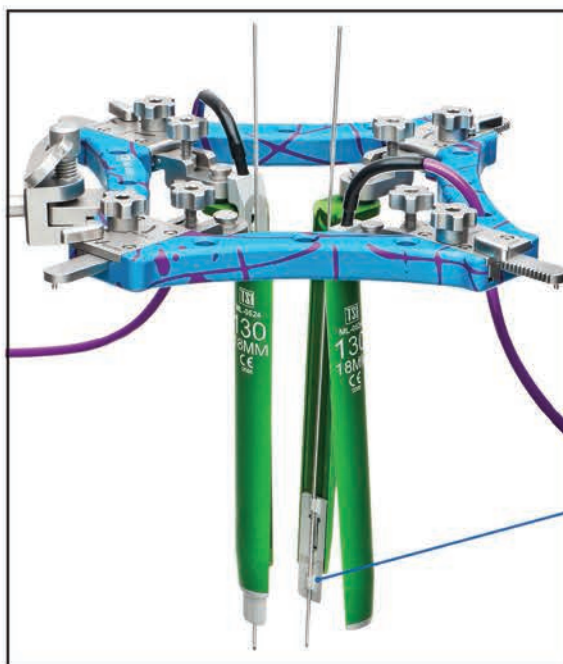
- After incremental dilation, the retractor blades and retractor body slide down the shaft of the dilator and into the surgical site
- Blades retract independently
- -4 to +30 degree pivoting mechanism improves wound exposure
- Variety of options for superior retraction



Insert any TSI Light Cable into the **XL Light Guide (ML-0512)** to illuminate surgical site and optimize visualization.



For increased exposure, retract and pivot retractor blades as desired.



XL K-Wire Shim

XL K-Wire Shim (ML-0510) may be inserted down the shaft of the blade, increasing length of blade up to 10mm in 1mm increments. Insert K-wire through the shim and into the vertebral body to prevent blade drift.



ML-0510
Phantom K-Wire Shim
Single Use



ML-0516
Phantom Spike Shim
Single Use

Experience Innovation

ML-0520 - ML-0527

Phantom XL Lateral Blades



*Aluminum Radiolucent



ML-0345
Phantom Dilator Chip
Sterile, single use



ML-0341
Phantom XL Dilators
8, 13 and 18mm
Sterile, single use
Shown with K-wire



ML-0056
Phantom XL Dilator Holder
Holds initial dilator to keep surgeon's hand out of X-ray field. 40mm total length.



ML-0342
Phantom XL Pedicle Screw Probe
Pre-packaged sterile, single use only

ARTICULATING ACCESSORY ARM

Use **Phantom ML Artulating Accessory Arm and Rack Clamp (ML-0060)** to stabilize retractor body.



ML-0060
Phantom ML Artulating Accessory Arm with Rack Clamp

ML-0041
Phantom ML Table Clamp for Articulating Arm

LIGHT SOURCE AND ACCESSORIES



ML-0051
Phantom ML LED Light Source
52-watt "cool heat" LED light source



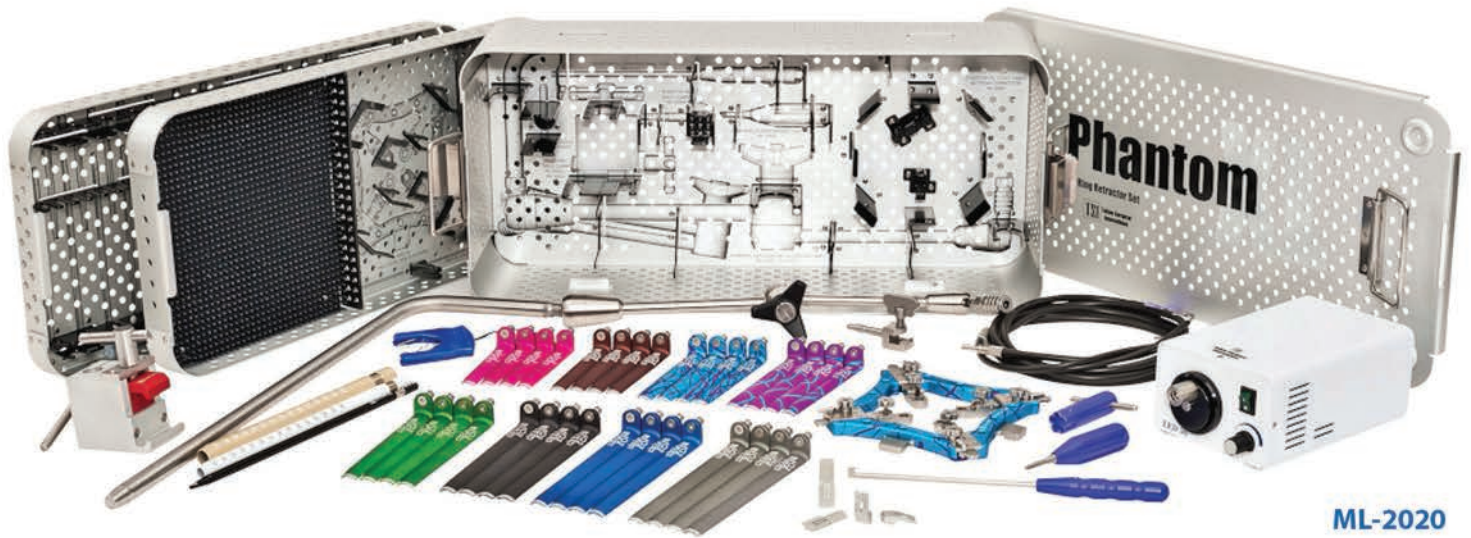
ML-0512
Phantom XL Light Guide
Single use light guide inserts into retractor blade



ML-0045
Phantom ML Reusable Light Cable
10 feet



ML-0046
Phantom ML Light Cable
Sterile, single use light cable for flawless illumination of the surgical site during every surgical procedure



ML-2020

ML-2020 PHANTOM XL™ RING LATERAL APPROACH COMPLETE RETRACTOR SET

	ea.
LS-0451 PHANTOM T-HANDLE FOR RETRACTOR WITH PIVOTING ARMS	1
ML-0041 PHANTOM ML TABLE CLAMP FOR ARTICULATING ARM	1
ML-0045 PHANTOM ML LIGHT CABLE, W/TEDAN CONNECTOR	1
ML-0051 PHANTOM ML LED LIGHT SOURCE	1
ML-0060 PHANTOM ML ARTICULATING ACCESSORY ARM WITH RACK CLAMP	1
ML-0500 PHANTOM XL RING RETRACTOR	1
ML-0505 PHANTOM XL HEX DRIVER TOOL	1
ML-0510 PHANTOM XL K-WIRE SHIM, SINGLE USE	2
ML-0511 PHANTOM XL SHIM REMOVAL TOOL	1
ML-0512 PHANTOM XL LIGHT GUIDE	2
ML-0516 PHANTOM XL SPIKE SHIM, SINGLE USE	2
ML-0520 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 90MM, FUCHSIA	4
ML-0521 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 100MM, CHOCOLATE	4
ML-0522 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 110MM, TURQUOISE SPLASH	4
ML-0523 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 120MM, PURPLE SPLASH	4
ML-0524 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 130MM, GREEN	4
ML-0525 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 140MM, BLACK	4
ML-0526 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 150MM, BLUE	4
ML-0527 PHANTOM XL LATERAL BLADES SECTIONAL, 18MM x 160MM, GRAY	4
ML-0712 PHANTOM XL RING STERILIZATION TRAY (FOR ML-2020)	1

SINGLE USE PRODUCTS

ML-0046 PHANTOM ML LIGHT CABLE, W/TEDAN CONNECTOR, SINGLE USE (5/BOX)	1
ML-0301 PHANTOM XL K-WIRE, BLUNT 1.5MM X 350MM (14"), SINGLE USE (6 PER PACK)	1
ML-0341 PHANTOM XL INSULATED DILATORS, SET OF 3 (8, 13 & 18mm), STERILE, SINGLE USE	1
ML-0342 PHANTOM XL PEDICLE SCREW PROBE, SINGLE USE (10 PER BOX)	1
ML-0345 PHANTOM XL DILATOR CLIP, STERILE, SINGLE USE (1 PER PACK)	1
ML-0509 PHANTOM XL K-WIRE FOR RING RETRACTOR, 0.062 X 1.6MM (9"), SINGLE USE (6 PER PACK)	1
ML-0510 PHANTOM XL K-WIRE SHIM, SINGLE USE	2
ML-0516 PHANTOM XL SPIKE SHIM, SINGLE USE	2

CONTACT US