

PHANTOM CS™ SERIES

LIGHTED SIDE-LOADING RETRACTOR SETS

CS-1600L & CS-1601L



TSI

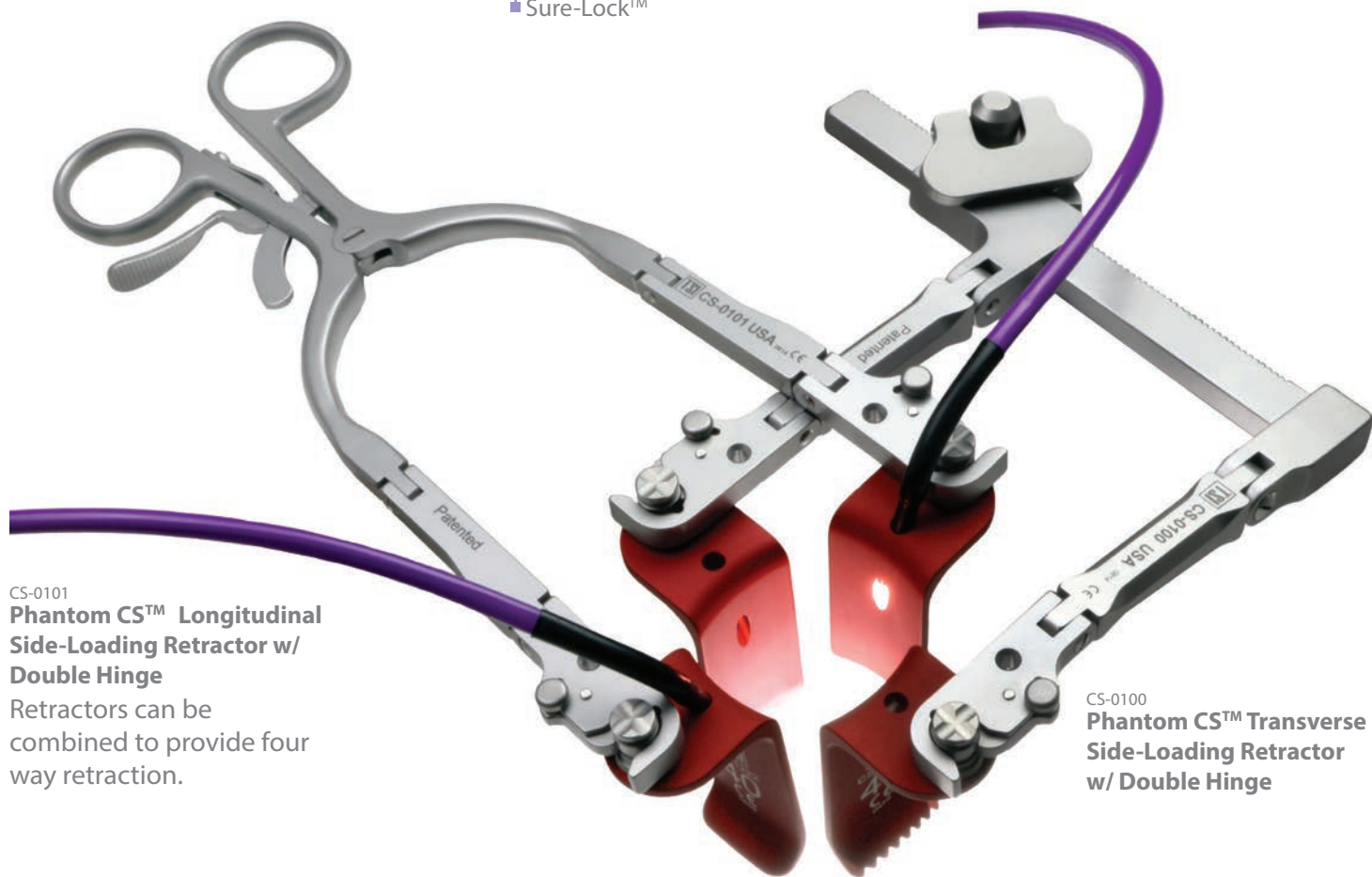
**TeDan Surgical
Innovations**

PhantomCS™ CERVICAL SET

CS-1600L & CS-1601L

RETRACTORS

Side-Loading retractors provide an easy yet secure attachment space for blades. TSI's Sure-Lock™ technology ensures that blades are securely connected to the retractor body.



CS-0101
Phantom CS™ Longitudinal Side-Loading Retractor w/ Double Hinge

Retractors can be combined to provide four way retraction.

CS-0100
Phantom CS™ Transverse Side-Loading Retractor w/ Double Hinge

RETRACTOR BLADE HANDLES

Retractor blade handles facilitate a quick connection to the retractor bodies. The blade handles may be used as a hand held tissue and muscle retractor with any blade. Once blades are locked into the retractor body, twist the blade handle counter clockwise and slide forward to disengage.



Cross cut connector prevents rotation of blade while attached to the blade handle



CS-0105
Phantom CS™ Side-Loading Retractor Handle

LIGHTED RETRACTOR BLADES

A wide variety of cervical retractor blades are radiolucent and ideal for procedures using fluoroscopy. TSI's unique lighted blades provide superior illumination of the surgical sight and eliminate the need for overhead lighting.



CS-1220 - CS-1299

Phantom CS™ Retractor Blades w/ Light Guide

-Available in long tooth, short tooth, micro short tooth and blunt

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-0046 not included in set, optional item



ML-0051

Phantom ML™ LED Light Source

-Bright, 52-watt LED light source, cool heat

EXPERIENCE THE DIFFERENCE. EXPERIENCE INNOVATION.

Phantom CS™ Lighted Side-Loading Retractor System provides exposure for ACDF procedures. Patented Sure-Lock™ technology ensure that the retractor blades are securely attached. Unique lighting system provides direct illumination and increased visualization. Multiple lighted blades lengths and tip options accommodate diverse patient anatomies.

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PHANTOM CS™ LIGHTED SIDE-LOADING SET

CS-1600L

CAT. NO.	DESCRIPTION	QTY.
CS-1220	PHANTOM CS CERVICAL BLDE BLUNT 23 x 30MM, W/LGHT GUIDE, SILVER	2
CS-1221	PHANTOM CS CERVICAL BLDE BLUNT 23 x 35MM, W/LGHT GUIDE, BLUE	2
CS-1222	PHANTOM CS CERVICAL BLDE BLUNT 23 x 40MM, W/LGHT GUIDE, RED	2
CS-1223	PHANTOM CS CERVICAL BLDE BLUNT 23 x 45MM, W/LGHT GUIDE, GRN	2
CS-1224	PHANTOM CS CERVICAL BLDE BLUNT 23 x 50MM, W/LGHT GUIDE, VIOLET	2
CS-1225	PHANTOM CS CERVICAL BLDE BLUNT 23 x 55MM, W/LGHT GUIDE, BLACK	2
CS-1226	PHANTOM CS CERVICAL BLDE BLUNT 23 x 60MM, W/LGHT GUIDE, GOLD	2
CS-1227	PHANTOM CS CERVICAL BLDE BLUNT 23 x 65MM, W/LGHT GUIDE, GRAY	2
CS-1228	PHANTOM CS CERVICAL BLDE BLUNT 23 x 70MM, W/LGHT GUIDE, LGHT GRN	2
CS-1229	PHANTOM CS CERVICAL BLDE BLUNT 23 x 75MM, W/LGHT GUIDE, ORANGE	2
CS-1250	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 30MM, W/LGHT GUIDE, SILVER	1
CS-1251	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 35MM, W/LGHT GUIDE, BLUE	1
CS-1252	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 40MM, W/LGHT GUIDE, RED	1
CS-1253	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 45MM, W/LGHT GUIDE, GRN	1
CS-1254	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 50MM, W/LGHT GUIDE, VIOLET	1
CS-1255	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 55MM, W/LGHT GUIDE, BLACK	1
CS-1256	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 60MM, W/LGHT GUIDE, GOLD	1
CS-1257	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 65MM, W/LGHT GUIDE, NAVY	1
CS-1258	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 70MM, W/LGHT GUIDE, LGHT GRN	1
CS-1259	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 75MM, W/LGHT GUIDE, ORANGE	1
CS-1270	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 30MM, W/LGHT GUIDE, SILVER	1
CS-1271	PHANTOM ML RETRACTOR BLDES (L&R), 18MM DIA. X 90MM, FUCHSIA	1
CS-1272	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 40MM, W/LGHT GUIDE, RED	1
CS-1273	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 45MM, W/LGHT GUIDE, GRN	1
CS-1274	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 50MM, W/LGHT GUIDE, VIOLET	1
CS-1275	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 55MM, W/LGHT GUIDE, BLACK	1
CS-1276	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 60MM, W/LGHT GUIDE, GOLD	1
CS-1277	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 65MM, W/LGHT GUIDE, NAVY	1
CS-1278	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 70MM, W/LGHT GUIDE, LGHT GRN	1
CS-1279	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 75MM, W/LGHT GUIDE, ORANGE	1
CS-1290	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 30MM, W/LGHT GUIDE, SILVER	2
CS-1291	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 35MM, W/LGHT GUIDE, BLUE	2
CS-1292	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 40MM, W/LGHT GUIDE, RED	2
CS-1293	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 45MM, W/LGHT GUIDE, GRN	2
CS-1294	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 50MM, W/LGHT GUIDE, VIOLET	2
CS-1295	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 55MM, W/LGHT GUIDE, BLACK	2
CS-1296	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 60MM, W/LGHT GUIDE, GOLD	2
CS-1297	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 65MM, W/LGHT GUIDE, GRAY	2
CS-1298	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 70MM, W/LGHT GUIDE, LGHT GRN	2
CS-1299	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 75MM, W/LGHT GUIDE, ORANGE	2
CS-0100	PHANTOM CS TRANSVERSE RETRACTOR W/DOUBLE HINGE, 120MM RACK	1
CS-0101	PHANTOM CS LONGITUDINAL RETRACTOR W/DOUBLE HINGE	1
CS-0105	PHANTOM CS SIDE-LOADING RETRACTOR BLDE HANDLE	2
CS-0106	PHANTOM CS COLOR-CODED DEPTH GAUGE	1
CS-0112	PHANTOM CS TWIST DRILL FOR DISTRACTION SCREW	1
CS-0114	PHANTOM CS DISTRACTION SCREW DRIVER, W/O SPRING	2
CS-0115	PHANTOM CS ACF DISTRACTOR LEFT, 120MM RACK	1
CS-0116	PHANTOM CS ACF DISTRACTOR RIGHT, 120MM RACK	1
CS-0119	PHANTOM CS UNIVERSAL DISTRACTION SCREW DRILL GUIDE, FITS ALL DISTRACTORS	1
CS-0120	PHANTOM CS CALIPER	1
CS-0121	PHANTOM CS BONE TAMP 6X10MM	1
CS-0122	PHANTOM CS BONETAMP 6X10MM WITH GUARD	1
CS-0600L	PHANTOM CS STERILIZATION TRAY (FOR CS-1600L & 1601L SETS)	1
ML-0045	PHANTOM ML LGHT CABLE, W/TEDAN CONNECTOR	1
ML-0051	PHANTOM ML LED LGHT SOURCE	1

PHANTOM CS™ BASIC LIGHTED SIDE-LOADING SET

CS-1601L

CAT. NO.	DESCRIPTION	QTY.
CS-1220	PHANTOM CS CERVICAL BLDE BLUNT 23 x 30MM, W/LGHT GUIDE, SILVER	2
CS-1221	PHANTOM CS CERVICAL BLDE BLUNT 23 x 35MM, W/LGHT GUIDE, BLUE	2
CS-1222	PHANTOM CS CERVICAL BLDE BLUNT 23 x 40MM, W/LGHT GUIDE, RED	2
CS-1223	PHANTOM CS CERVICAL BLDE BLUNT 23 x 45MM, W/LGHT GUIDE, GRN	2
CS-1224	PHANTOM CS CERVICAL BLDE BLUNT 23 x 50MM, W/LGHT GUIDE, VIOLET	2
CS-1225	PHANTOM CS CERVICAL BLDE BLUNT 23 x 55MM, W/LGHT GUIDE, BLACK	2
CS-1226	PHANTOM CS CERVICAL BLDE BLUNT 23 x 60MM, W/LGHT GUIDE, GOLD	2
CS-1227	PHANTOM CS CERVICAL BLDE BLUNT 23 x 65MM, W/LGHT GUIDE, GRAY	2
CS-1228	PHANTOM CS CERVICAL BLDE BLUNT 23 x 70MM, W/LGHT GUIDE, LGHT GRN	2
CS-1229	PHANTOM CS CERVICAL BLDE BLUNT 23 x 75MM, W/LGHT GUIDE, ORANGE	2
CS-1250	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 30MM, W/LGHT GUIDE, SILVER	1
CS-1251	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 35MM, W/LGHT GUIDE, BLUE	1
CS-1252	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 40MM, W/LGHT GUIDE, RED	1
CS-1253	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 45MM, W/LGHT GUIDE, GRN	1
CS-1254	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 50MM, W/LGHT GUIDE, VIOLET	1
CS-1255	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 55MM, W/LGHT GUIDE, BLACK	1
CS-1256	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 60MM, W/LGHT GUIDE, GOLD	1
CS-1257	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 65MM, W/LGHT GUIDE, NAVY	1
CS-1258	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 70MM, W/LGHT GUIDE, LGHT GRN	1
CS-1259	PHANTOM CS CERVICAL BLDE SHORT TEETH 23 x 75MM, W/LGHT GUIDE, ORANGE	1
CS-1270	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 30MM, W/LGHT GUIDE, SILVER	1
CS-1271	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 35MM, W/LGHT GUIDE, BLUE	1
CS-1272	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 40MM, W/LGHT GUIDE, RED	1
CS-1273	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 45MM, W/LGHT GUIDE, GRN	1
CS-1274	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 50MM, W/LGHT GUIDE, VIOLET	1
CS-1275	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 55MM, W/LGHT GUIDE, BLACK	1
CS-1276	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 60MM, W/LGHT GUIDE, GOLD	1
CS-1277	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 65MM, W/LGHT GUIDE, NAVY	1
CS-1278	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 70MM, W/LGHT GUIDE, LGHT GRN	1
CS-1279	PHANTOM CS CERVICAL BLDE LONG TEETH 23 x 75MM, W/LGHT GUIDE, ORANGE	1
CS-1290	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 30MM, W/LGHT GUIDE, SILVER	2
CS-1291	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 35MM, W/LGHT GUIDE, BLUE	2
CS-1292	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 40MM, W/LGHT GUIDE, RED	2
CS-1293	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 45MM, W/LGHT GUIDE, GRN	2
CS-1294	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 50MM, W/LGHT GUIDE, VIOLET	2
CS-1295	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 55MM, W/LGHT GUIDE, BLACK	2
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CS-1297	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 65MM, W/LGHT GUIDE, GRAY	2
CS-1298	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 70MM, W/LGHT GUIDE, LGHT GRN	2
CS-1299	PHANTOM CS CERVICAL MICRO BLDE SHORT TEETH 14 x 75MM, W/LGHT GUIDE, ORANGE	2
CS-0100	PHANTOM CS TRANSVERSE RETRACTOR W/DOUBLE HINGE, 120MM RACK	1
CS-0101	PHANTOM CS LONGITUDINAL RETRACTOR W/DOUBLE HINGE	1
CS-0105	PHANTOM CS SIDE-LOADING RETRACTOR BLDE HANDLE	2
CS-0106	PHANTOM CS COLOR-CODED DEPTH GAUGE	1
CS-0600L	PHANTOM CS STERILIZATION TRAY (FOR CS-1600L & 1601L SETS)	1
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