

# PHANTOM ML™ SERIES

# MIS INSTRUMENT SET

ML-2013



**TSI**

**TeDan Surgical  
Innovations**

# Phantom<sup>ML™</sup> MIS INSTRUMENTS

## ML-2013

### MICRO HANDLE BAYONETED KERRISONS

ML-0730 – ML-0734

Each kerrison is TiAIN coated for minimal glare. There is a 40° upbite, 230 mm total length and 155 mm working length offered on all kerrisons. Items ML-0731 through ML-0734 include an ejector.

Cat. No.	Bite Size
ML-0730	1.5 mm
ML-0731	2 mm
ML-0732	3 mm
ML-0733	4 mm
ML-0734	5 mm



ML-0732



ML-0733



ML-0740  
Phantom MIS™  
Kerrison

### RING HANDLED PITUITARY RONGEURS

ML-0740 – ML-0757

#### Straight

Cat. No.	Jaw Width	Jaw Length
ML-0740	2 mm	10 mm
ML-0741	3 mm	10 mm
ML-0742	4 mm	10 mm



ML-0740

#### Straight w/ Tooth

Cat. No.	Jaw Width	Jaw Length
ML-0756	2 mm	10 mm
ML-0757	3 mm	10 mm



ML-0756

#### Upbiting

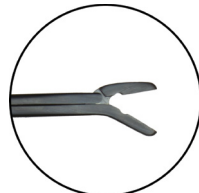
Cat. No.	Jaw Width	Jaw Length
ML-0745	2 mm	6 mm
ML-0746	2 mm	10 mm
ML-0747	3 mm	6 mm
ML-0748	3 mm	10 mm
ML-0749	4 mm	10mm



ML-0745

#### Downbiting

Cat. No.	Jaw Width	Jaw Length
ML-0752	2 mm	10 mm
ML-0753	3 mm	10 mm



ML-0752



ML-0740  
Phantom MIS Pituitary  
Rongeur

All pituitary rongeurs come with a TiAN coating. The 175 mm working length offered on each kerrison increases range of motion during procedures.

## BAYONETED CURETTES

ML-0760 – ML-0771

Bayoneted curettes are offered in forward angle, forward straight and reverse angle in a variety of cup sizes. Each curette has a 170 mm working length.



ML-0768



ML-0764

Cat. No.	Cup Size	Cup Style
ML-0760	3.6 mm	Forward Angle
ML-0761	3.6 mm	Forward Straight
ML-0762	3.6 mm	Reverse Angle
ML-0763	4.4 mm	Forward Angle
ML-0764	4.4 mm	Forward Straight
ML-0765	4.4 mm	Reverse Angle
ML-0766	5.2 mm	Forward Angle
ML-0767	5.2 mm	Forward Straight
ML-0768	5.2 mm	Reverse Angle
ML-0769	7.5 mm	Forward Angle
ML-0770	7.5 mm	Forward Straight
ML-0771	7.5 mm	Reverse Angle



ML-0763  
Phantom MIS  
Curette

# EXPERIENCE THE DIFFERENCE. EXPERIENCE INNOVATION.

Phantom ML™ MIS Instrument Set facilitates PLIF, TLIF, microdiscectomies and spinal decompression procedures. All instruments include a bayoneted shaft improve visibility.

Additionally, all MIS instruments come with a non-reflective, TiAlN coating that prolongs the life of the instrument. MIS instrument sets are compatible with TSI or competitor retractor

## BAYONETED DISSECTORS, NERVE HOOKS, PENFIELDS AND PROBES

ML-0780 – ML-0796

All dissectors, nerve hooks, penfields and probes have a 150 mm working length and come with a TiAlN coating for minimal glare.



ML-0790



ML-0796



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# PHANTOM ML™ INSTRUMENT SET

ML-2013

CAT. NO.	DESCRIPTION	QTY.
ML-0730	PHANTOM MIS KERRISON, MICRO HDL, BAYONETED, 230MM (9") X 1.5MM, UP, 40°, THIN FTPLT, BL DIA, 155MM (6.1") WRK/LNGTH	1
ML-0731	PHANTOM MIS KERRISON, MICRO HDL, BAYONETED, 230MM (9") X 2MM, UP, 40°, THIN FTPLT, BL DIA, 155MM (6.1") WRK/LNGTH	1
ML-0732	PHANTOM MIS KERRISON, MICRO HDL, BAYONETED, 230MM (9") X 3MM, UP, 40°, THIN FTPLT, BL DIA, 155MM (6.1") WRK/LNGTH	1
ML-0733	PHANTOM MIS KERRISON, MICRO HDL, BAYONETED, 230MM (9") X 4MM, UP, 40°, THIN FTPLT, BL DIA, 155MM (6.1") WRK/LNGTH	1
ML-0734	PHANTOM MIS KERRISON, MICRO HDL, BAYONETED, 230MM (9") X 5MM, UP, 40°, THIN FTPLT, BL DIA, 155MM (6.1") WRK/LNGTH	1
ML-0740	PHANTOM MIS PITUITARY RNGR, STR, 2MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0741	PHANTOM MIS PITUITARY RNGR, STR, 3MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0742	PHANTOM MIS PITUITARY RNGR, STR, 4MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0745	PHANTOM MIS PITUITARY RNGR, UP, 2MM X 6MM, 170MM (6.7") WRK/LNGTH	1
ML-0746	PHANTOM MIS PITUITARY RNGR, UP, 2MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0747	PHANTOM MIS PITUITARY RNGR, UP, 3MM X 6MM, 170MM (6.7") WRK/LNGTH	1
ML-0748	PHANTOM MIS PITUITARY RNGR, UP, 3MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0749	PHANTOM MIS PITUITARY RNGR, UP, 4MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0752	PHANTOM MIS PITUITARY RNGR, DOWN, 2MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0753	PHANTOM MIS PITUITARY RNGR, DOWN, 3MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0756	PHANTOM MIS PITUITARY RNGR W/ TOOTH, STRAIGHT, 2MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0757	PHANTOM MIS PITUITARY RNGR W/ TOOTH, STRAIGHT, 3MM X 10MM, 170MM (6.7") WRK/LNGTH	1
ML-0760	PHANTOM MIS CURETTE, BAYONETED, 3.6MM, FWD ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0761	PHANTOM MIS CURETTE, BAYONETED, 3.6MM, FWD STRA CUP, 150MM (5.9") WRK/LNGTH	1
ML-0762	PHANTOM MIS CURETTE, BAYONETED, 3.6MM, REV ANG UP, 150MM (5.9") WRK/LNGTH	1
ML-0763	PHANTOM MIS CURETTE, BAYONETED, 4.4MM, FWD ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0764	PHANTOM MIS CURETTE, BAYONETED, 4.4MM, FWD STRA CUP, 150MM (5.9") WRK/LNGTH	1
ML-0765	PHANTOM MIS CURETTE, BAYONETED, 4.4MM, REV ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0766	PHANTOM MIS CURETTE, BAYONETED, 5.2MM, FWD ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0767	PHANTOM MIS CURETTE, BAYONETED, 5.2MM, FWD STRA CUP, 150MM (5.9") WRK/LNGTH	1
ML-0768	PHANTOM MIS CURETTE, BAYONETED, 5.2MM, REV ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0769	PHANTOM MIS CURETTE, BAYONETED, 7.5MM, FWD ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0770	PHANTOM MIS CURETTE, BAYONETED, 7.5MM, FWD STRA CUP, 150MM (5.9") WRK/LNGTH	1
ML-0771	PHANTOM MIS CURETTE, BAYONETED, 7.5MM, REV ANG CUP, 150MM (5.9") WRK/LNGTH	1
ML-0780	PHANTOM MIS DISSECTOR, BAYONETED, 150MM (5.9") WRK/LNGTH	1
ML-0782	PHANTOM MIS NERVE HOOK, MICRO, BAYONETED, 150MM (5.9") WRK/LNGTH	1
ML-0784	PHANTOM MIS NERVE HOOK, BAYONETED, 150MM (5.9") WRK/LNGTH	1
ML-0786	PHANTOM MIS PENFIELD # 2, PUSH/PULL, BAYONETED, 2MM, 150MM (5.9") WRK/LNGTH	1
ML-0788	PHANTOM MIS PENFIELD # 4, PUSH/PULL, BAYONETED, 4MM, 150MM (5.9") WRK/LNGTH	1
ML-0790	PHANTOM MIS PENFIELD # 7, PUSH/PULL, BAYONETED, 7MM, 150MM (5.9") WRK/LNGTH	1
ML-0792	PHANTOM MIS SHORT BALL PROBE, BAYONETED, 7MM, 150MM (5.9") WRK/LNGTH	1
ML-0794	PHANTOM MIS WOODSON PROBE, BAYONETED, 150MM (5.9") WRK/LNGTH	1
ML-0796	PHANTOM MIS LONG BALL PROBE, BAYONETED, 11MM, 150MM (5.9") WRK/LNGTH	1
ML-0713-01	PHANTOM ML STERILIZATION TRAY-KERRISONS & CURETTES (FOR ML-2013 SET)	1
ML-0713-02	PHANTOM ML STERILIZATION TRAY-PITUITARIES (FOR ML-2013 SET)	1

