

ShockPulse-SE (Stone Eliminator)

ORDERING INFORMATION

SPL-S SHOCKPULSE-SE (STONE ELIMINATOR) LITHOTRIPSY SYSTEM

Includes the following

SPL-T	ShockPulse Lithotripsy Transducer
SPL-CSL	ShockPulse Lithotripsy Cleaning Stylet - Large
SPL-W	ShockPulse Lithotripsy Wrench
SPL-PC	ShockPulse Lithotripsy Power Cord
SPL-G	ShockPulse Lithotripsy Generator
SPL-NC	ShockPulse Lithotripsy Nose Cone
SPL-IFU	ShockPulse Lithotripsy IFU

STERILE, SINGLE USE - SHOCKPULSE LITHOTRIPSY PROBES

		Minimum Scope Working Channel
SPL-PDBX376	ShockPulse Lithotripsy Probe, Sterile Single Use, 3.76mm (3/Box)	4 mm (12 Fr)
SPL-PDBX340	ShockPulse Lithotripsy Probe, Sterile Single Use, 3.40mm (3/Box)	3.5 mm (10.5 Fr)
SPL-PDBX183*	ShockPulse Lithotripsy Probe, Sterile Single Use, 1.83mm (3/Box)	2 mm (6 Fr)
SPL-PDBX150*	ShockPulse Lithotripsy Probe, Sterile Single Use, 1.50mm (3/Box)	2 mm (6 Fr)
SPL-PDBX097	ShockPulse Lithotripsy Probe, Sterile Single Use, 0.97mm (3/Box)	1 mm (3 Fr)

SHOCKPULSE LITHOTRIPSY PROBES

Part #	Description	Color	Outside Diameter	Inside Diameter	Working Length
SPL-PD376	ShockPulse Lithotripsy Probe, Sterile Single Use, 3.76mm	Silver	3.76 mm	3.15 mm	396 mm
SPL-PD340	ShockPulse Lithotripsy Probe, Sterile Single Use, 3.40mm	Blue	3.4 mm	2.9 mm	396 mm
SPL-PD183*	ShockPulse Lithotripsy Probe, Sterile Single Use, 1.83mm	Red	1.83 mm	1.37 mm	418 mm
SPL-PD150*	ShockPulse Lithotripsy Probe, Sterile Single Use, 1.50mm	Green	1.50 mm	1.04 mm	564 mm
SPL-PD097	ShockPulse Lithotripsy Probe, Sterile Single Use, 0.97mm	Gold	0.97 mm	N/A	578 mm

* Includes Cleaning Stylet - Small

SPECIFICATIONS

Generator (SPL-G)

Voltage:	90-264 VAC
Frequency:	50/60 Hz
Dimensions (W x H x D):	14.25 x 15.5 x 4.25 in (36 x 39 x 11 cm)
Weight:	14.1 lbs (6.4 kg)
Electro-medical:	Class I, Type BF
Frequency:	19,500 Hz - 21,500 Hz

Footswitch (SPL-FS)

Dimensions (W x H x D):	9 x 2.2 x 6.5 in (23 x 5.5 x 16.5 cm)
Weight:	4 lbs (1.8 kg)
Classification:	IPX6 watertight type (except plug)

Transducer (SPL-T) with Nose Cone (SPL-NC)

Diameter:	2 in (4.8 cm)
Length:	7.7 in (19.6 cm)
Weight:	0.99 lbs (0.45 kg)
Cable Length:	10 ft (3 m)

OLYMPUS®

Your Vision, Our Future

STONE ELIMINATOR

ShockPulse-SE

Worlds Only Dual Action Lithotripsy System with Surgeon Control

Versatility

- Expanded range of probe sizes available to treat stones in the entire urinary tract (kidney, ureter & bladder), including: PCNL, mPCNL, semi-rigid URS procedures.

Simple Setup

Plug & Play System

- Transducer, Probe and Torque Wrench Designed to reduce force at assembly



Superior Speed & Efficiency Fragmenting and removing stones

Intuitive Surgeon Control Ergonomic hand piece with integrated suction and hand activation

Versatility Full range of probes and sizes (Kidney, Ureter & Bladder)



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For more information or order inquiries, please call 800-848-9024 or visit us at www.medical.olympusamerica.com

ShockPulse-SE

Revolutionary Technology

The ShockPulse-SE (Stone Eliminator) is a novel, dual action lithotripsy system that uses proprietary technology to simultaneously produce:

- Constant ultrasonic wave energy and intermittent shockwave (ballistic/mechanical) energy; high rate of occurrence (~300 x per second/300Hz vs. Competitive System ~11 x per second/11Hz)

SHOCKPULSE-SE TECHNOLOGY



STANDARD ULTRASONIC VIBRATION

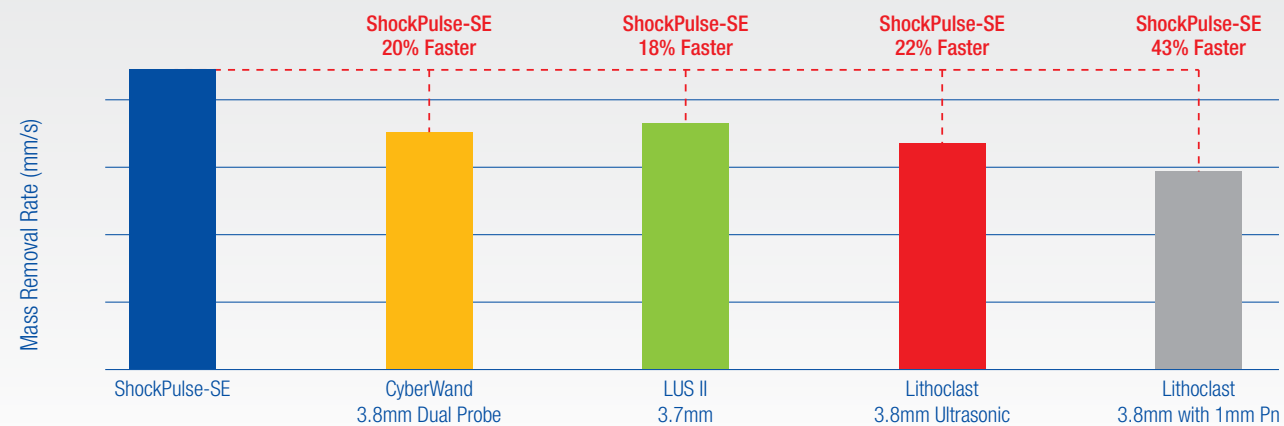


- Delivered via a revolutionary single probe design.
- The worlds first transducer with surgeon controlled suction and integrated hand activation.

Superior Speed & Efficiency

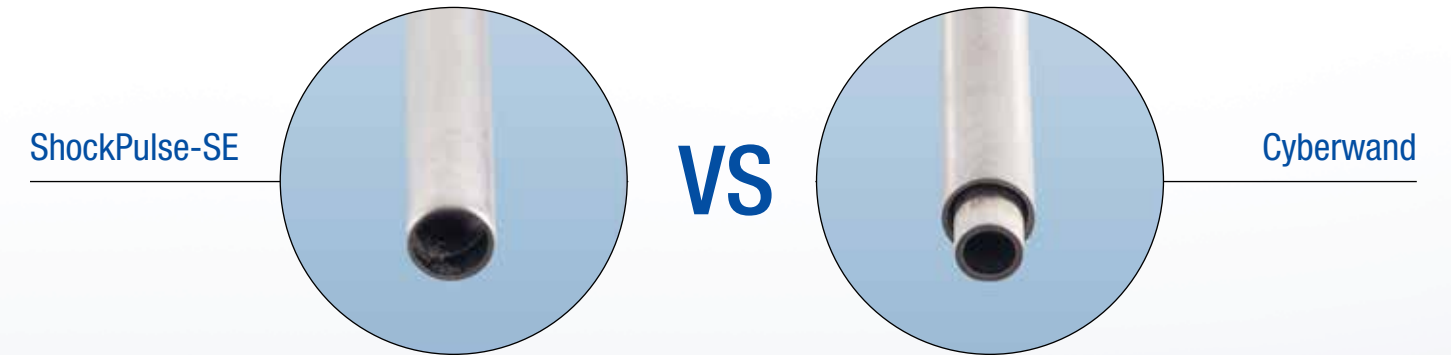
- Effectively fragments and aspirates all stone sizes, shapes and composition.
- Unmatched performance – greatly reduces procedure time.

Mass Removal Comparison PCNL Probes (mm/s)



The ShockPulse Difference

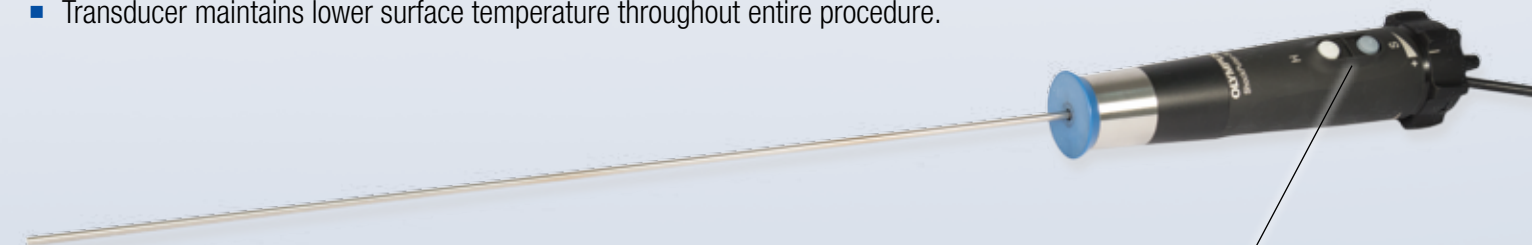
- Large, single-lumen probe quickly drills through all stone types allowing for continuous stone fragment removal.



- Vacuums out stone fragments reducing time spent chasing stones with graspers and baskets.
- High flow rate for stone aspiration and minimized clogging.

Intuitive Surgeon Control – Hand Activation and Suction

- Single hand piece design, no need to connect separate pneumatic and ultrasonic transducers.
- New transducer hand activation eliminates the need for the footswitch.
- Ergonomic placement of buttons allows for physician control during PCNL, URS and Bladder procedures.
- Transducer maintains lower surface temperature throughout entire procedure.

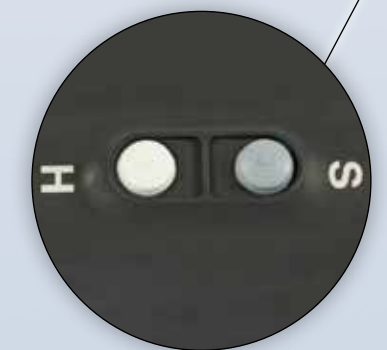


SUCTION CONTROL



Variable / Gradient Suction Control

To allow for surgeon to adjust suction pressure / flow, unique to ShockPulse



Intuitive Button Operation

Reducing hand fatigue with easy to identify H/S symbols (H= High Power / S= Standard Power)