

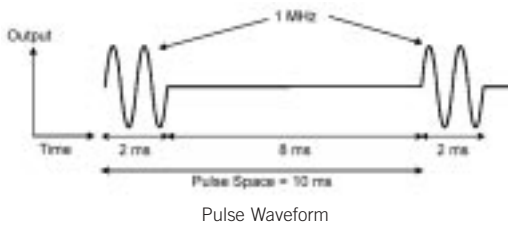
# The Silberg Tissue Preparation System™



## S P E C I F I C A T I O N S

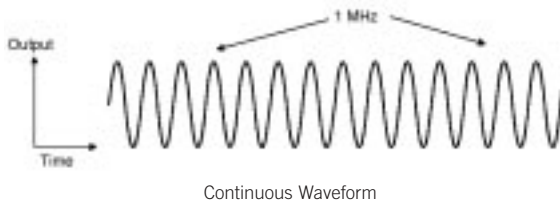
### General Specifications:

Input:	120 V $\pm$ 10%, 60 Hz $\pm$ 3 Hz 240VAC $\pm$ 10%, 50 Hz $\pm$ 3 Hz, <i>other voltages available</i>
Classification:	Protective Class I Equipment Device, Type B Equipment Cannula, Type BF Equipment
ETL and C-ETL Listed:	Model ME 800 (9801427)
Size:	6 in (H) x 14.4 in (W) x 12 in (D), <i>TPS unit</i> 15.2 cm (H) x 36 cm (W) x 30.5 cm (D) 4.5 in (H) x 6 in (W) x 6 in (D), <i>foot switch</i> 11.4 cm (H) x 15.2 cm (W) x 15.2 cm (D) 52 in (H) x 18 in (W) x 18 in (D), <i>instrument cart</i> <i>and I.V. pole</i> 132 cm (H) x 45.7 cm (W) x 45.7 cm (D)
Weight:	14.8 pounds (6.7 kg), <i>TPS unit</i> 4.8 pounds (2.2 kg), <i>foot switch</i> 49.0 pounds (22.3 kg), <i>instrument cart and I.V. pole</i>



### Ultrasonic Generator Specifications:

Frequency:	1.0 MHz
Modes:	Continuous Pulsed $\pm$ 20% Duty Cycle
Pulse Repetition Rate:	100 Hz (Pulse Mode)
Pulse Duration:	2 msec
Maximum Output Power:	30 Watts
Maximum Intensity:	3.0 W/cm <sup>2</sup>

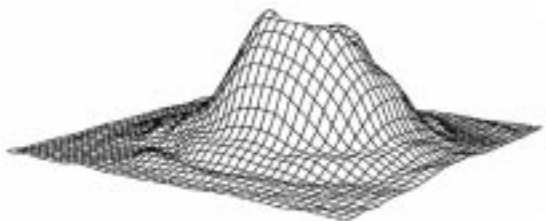


### Ultrasonic Applicator Specifications:

Piezoelectric Discs:	The output transducer utilizes a barium titanate disc with a specially coated face.
Frequency:	1.0 MHz
Effective Radiating Area:	10 cm <sup>2</sup>
Beam Type:	Collimating

### Peristaltic Pump Specifications:

Flow Rate:	Maximum flow rate, factory set to 700 ml/minute with the cannula installed
Pump Speed:	Variable Manual Control
Pump On/Off Operation:	Detachable 6 feet cable with guarded foot switch and safety interlock



10 cm<sup>2</sup> Applicator (1 MHz)

