

Office Diagnostics  
& Procedures



**LEEP**

## LEEP System 1000® Workstation

The logical evolution in functionality for  
Loop Electro-surgical Excision Procedures

### Features

- Elegantly designed for the modern procedure room
- Fully integrated LEEP station with internal storage
- Increased operating precision
- Safe and easy to operate
- Heavy-duty castors facilitate mobility



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# The Logical Evolution in Functionality



## The LEEP System 1000® Workstation

has been designed to meet the unique requirements of the office-based practice or the clinic.

Fully integrated and mobile, the LEEP System 1000® Workstation combines three components for maximum efficiency:

- Compact LEEP Cart
- The LEEP System 1000®
- Smoke Evacuation System 6080

## Compact LEEP Cart

- Generator and smoke evacuator in one compact station for added mobility and functionality
- Designed to work within small exam rooms
- Heavy-duty casters ensure easy mobility
- Convenient interior storage shelves
- Elegant design for modern medical facilities



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# Functionality for LEEP Procedures

## The LEEP System 1000® Electrosurgical Generator

- Isolated power output and LED display located in front for precise power selection, delivery and ease-of-use
- Flush faceplate membrane facilitates operation and cleaning
- Microprocessor controlled for increased precision, accuracy, reproducibility and safety
- Provides a choice of CUT, BLEND, and COAG waveforms to accommodate subtle differences in technique and electrode performance
- Pneumatic footpedal for maximum safety
- Audible safety features include distinct tones for each operating setting
- Automatic self test mechanism ensures accurate system operation



**Full line of LEEP accessories available.**

## Smoke Evacuation System 6080

- High air flow efficiently captures smoke plume with a variable speed control
- Triple-stage filtration captures airborne particulate matter, vapor and odor with a 99.999% efficiency level
- Virtually maintenance free
- Replacement filters available



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## Product Specifications

### Compact LEEP Cart

Physical dimensions: 43 1/4" high x 22 7/8" deep x 13.5" base width  
 Weight: 143 lbs.

### LEEP System 1000®

Components: Pneumatic Foot Pedal, Handpiece Adapter, Disposable Handpiece, Disposable Patient Return Pad, Patient Return Pad Adapter, Disposable Loop Electrode.

**Meets or exceeds IEC 601-1, IEC 606-1-2 and IEC 60601-2-2 specifications. Meets the requirements of Annex 1 of Medical Device Directive 93/42/EEC. UL and CUL approved.**

		DOMESTIC	INTERNATIONAL	
<b>Electrical Input:</b>	Voltage:	95-135 VAC 50/60Hz	190-250 VAC 50/60Hz	
	Current:	2.3 amps, max.	1.2 amps, max.	
<b>Low Frequency Leakage:</b>		Less than 50 microamps	Less than 50 microamps	
<b>Fuses:</b>		2.5 amps, T type	1.6 amps, T type	
<b>Electrosurgical Output:</b>	RF Output Frequency:	450 kHz		
	RF Output Power:	Volts p-p Max (open circuit)	Duty Cycle	Crest Factor
	CUT: 0-100 watts RMS*	830	-	1.4
	BLEND 0-100 watts RMS*	1200	60%	2.0
	COAG 0-80 watts RMS*	3800	10%	5.5
	Note: Stable to 800 ohms (calibration at 500 ohms)			
	RF Isolation:	Less than 150 miliamps at 200 ohms**		
	Classification:	I-type BF		
	Output Circuit:	Floating output. Protected against effects of the defibrillator.		
	Working Mode:	Discontinuous maximum duty cycle; 10/30 sec.		
Cooling:	Convection cooling without fan.			
Control:	Foot pedal operated (pneumatic) with audible signals and mode lights.			
Note: Reference IEC 60601-2-2				

### Smoke Evacuator System 6080-1

#### Components:



Smoke Evacuator Pre-filter 52560



ULPA Filter 6082



Smoke Evacuator Reducer 6083



Disposable Tubing 6084



9" FEP Tubing 6150

	DOMESTIC	INTERNATIONAL
<b>Electrical Size</b>	110 VAC, 60 Hz	220 VAC, 50 Hz (Optional)
<b>Air Flow</b>	9"W x 9"D x 21"H 35 CFM Minimum at Maximum Setting	22.85 cm x 22.95 cm x 53.35 cm
<b>Filter</b>	Pre-Filter: Hydrophobic ULPA Filter:	Charcoal filter for odor removal Rated at 99.999% efficiency level for 0.014 micron particles (based on Standard CNC Evaluations)



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