

# Specifications—Sonicator® Plus 920

## General Specifications:

Input:	100-240 V ~ 50/60 Hz, 95 VA
ETL and C-ETL Listed:	Model ME 920
Weight / Dimensions:	11 pounds
Dimensions:	4.9 in (H) x 13.6 in (W) x 10.5 in (D)
Maximum Treatment Time:	60 minutes—electrical stimulation 30 minutes—ultrasound or combination therapy

## Ultrasound Specifications:

Frequency:	1.0 & 3.0 MHz
Modes:	Continuous Pulsed—5, 10, 20, 30, 40 and 50% duty cycle
Maximum output power:	11 W (100%) with large (5.5 cm <sup>2</sup> ) applicator, 1 MHz, (ME 9201) 12 W (100%) with large (6.0 cm <sup>2</sup> ) applicator, 3 MHz, (ME 9201) 1.8 W (100%) with small (0.9 cm <sup>2</sup> ) applicator, 1 MHz, (ME 9202) 1.6 W (100%) with small (0.8 cm <sup>2</sup> ) applicator, 3 MHz, (ME 9202)

## Electrical Stimulation Specifications:

Waveform Types:	Interferential, Premodulated, EMS, Russian, High Volt, TENS, Microcurrent and Direct Current
Current:	
Interferential	0–100 mA peak, 500Ω load
Premodulated	0–100 mA peak, 500Ω load
EMS	0–100 mA peak, 500Ω load
Russian	0–100 mA peak, 500Ω load
High Volt	300 mA peak, (Peak value, 500Ω load)
TENS	0–100 mA peak, 500Ω load
Microcurrent	0 to 750 μA peak, 500Ω load
Direct Current	0 to 20 mA peak, 500Ω load
Frequency:	
Interferential	2 kHz, 4 kHz, 5 kHz (1-250 beats) (Constant, Sweep)
Premodulated	2 kHz, 4 kHz, 5 kHz (1-250 beats) (Constant, Sweep)
EMS	2 kHz, 4 kHz, 5 kHz (20 to 250 beats in 10 beat steps)
Russian	2500 Hz, Burst at 10 ms on and 10 ms off (50 bps)
High Volt	0.5 to 200 Hz (Constant, Burst, Sweep)
TENS	0.5 to 250 Hz (Constant, Burst, Sweep)
Microcurrent	0.3 to 400 Hz
Direct Current	None
Special Features:	
Interferential	Vector
Premodulated	Independent
EMS	Independent, Simultaneous, Alternate
Russian	Independent, Simultaneous, Alternate
High Volt	Independent, Simultaneous, Alternate
TENS	Independent, Simultaneous, Alternate
Microcurrent	None
Direct Current	None
Polarity:	
Interferential	None
Premodulated	None
EMS	None
Russian	None
High Volt	Positive, negative or both
TENS	None
Microcurrent	Positive, negative or both
Direct Current	Positive or negative