

Sonicator® Plus 941

Specifications

General Specifications:

Input:	120 V 60 Hz (domestic), 190 VA
TÜV Rheinland Listed:	Model ME 941
Weight:	8.8 pounds
Dimensions:	13.8 in (W) x 10.6 in (D) x 5.7 in (H)
Channels	4 stimulation, 1 ultrasound
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 Pulse Frequency—16, 48, and 100 Hz
Maximum output power:	11 W (100%) with large applicator, 1 MHz, (ME 9411) 12 W (100%) with large applicator, 3 MHz, (ME 9411) 1.8 W (100%) with small applicator, 1 or 3 MHz, (ME 9412)

Electrical Stimulation Specifications:

Waveform Types:	Interferential, Premodulated, EMS, Russian, High Volt, TENS, Microcurrent and Direct Current
Current:	
Interferential	0.5–100 mA peak, 500Ω load, CC or CV
Premodulated	0.5–100 mA peak, 500Ω load, CC or CV
EMS	0.5–100 mA peak, 500Ω load, CC or CV
Russian	0.5–100 mA peak, 500Ω load, CC or CV
High Volt	0.5–300 V peak, 500Ω load (<i>no mA stated</i>), CV only
TENS	0.5–100 mA peak, 500Ω load, CC or CV
Microcurrent	10–750 μA peak, 500Ω load, CC only
Direct Current	0.2–20 mA peak, 500Ω load, CC or CV
Frequency:	
Interferential	2, 4, 5, 8, 10 kHz (1~250 beats) (Constant, Sweep)
Premodulated	2, 4, 5, 8, 10 kHz (1~250 beats) (Constant, Sweep)
EMS	2, 4, 5, 8, 10 kHz (20 to 250 beats in 10 beat steps)
Russian	2500 Hz, Burst 10 to 100 %
High Volt	0.5 to 200 Hz (Constant, Burst, Sweep)
TENS	0.5 to 250 Hz (Constant, Burst, Sweep)
Microcurrent	0.2 to 400 Hz
Direct Current	None or 60, 100, 300, 500 or 1000 ms pulses
Special Features:	
Interferential	Vector Sweep Angle: 0°, 15°, 30°, 45°
Premodulated	None
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	Positive, negative or none, sym. or asym. biphasic
Microcurrent	Positive, negative or both
Direct Current	Positive or negative



Mettler Electronics Corp.