

# SOUND CARE<sup>™</sup> plus

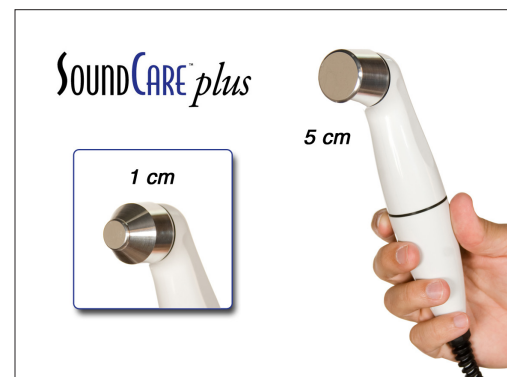
Professional Ultrasound Device



Item #: DQ9275

The **SoundCare™ Plus** is a professional ultrasound device, designed by Clinicians. This professional device is unique, as it comes standard with two sound heads, 1 cm and 5 cm, that are both plugged into the device at the same time. The user can switch between wands with a single push. The SoundCare™ Plus has 20 presets and operates in 1MHz and 3MHz frequencies.

*Two soundheads for targeted therapy and effective treatment!*



## Product Features

- Comes complete with two sounds head, 1 cm and 5 cm for more targeted therapy
- Used for the treatment of chronic and acute muscular pain
- User can switch between dual soundheads with the push of a single button
- Fully functional 1 MHz and 3 MHz frequencies
- 1 cm and 5 cm soundheads come standard
- 20 user defined presets with pulsed and continuous therapy
- Ergonomic handle design
- Two year warranty

Program	Frequency	Duty Cycle	Treatment Time	Suggested Intensity
U-01	1MHz	80%	10 minutes	1.0W/cm <sup>2</sup>
U-02	1MHz	50%	10 minutes	1.0W/cm <sup>2</sup>
U-03	1MHz	50%	20 minutes	1.5W/cm <sup>2</sup>
U-04	1MHz	50%	15 minutes	1.0W/cm <sup>2</sup> 1.5W/cm <sup>2</sup> 2.0W/cm <sup>2</sup>
U-05	3MHz	80%	15 minutes	1.0W/cm <sup>2</sup>
U-06	1MHz	30%	15 minutes	1.5W/cm <sup>2</sup>
U-07	1MHz	80%	15 minutes	1.0W/cm <sup>2</sup> 1.5W/cm <sup>2</sup>
U-08	1MHz	80%	8 minutes	1.5W/cm <sup>2</sup>
U-09	1MHz	50%	12 minutes	1.5W/cm <sup>2</sup>
U-10	3MHz	80%	10 minutes	1.0W/cm <sup>2</sup>



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# Technical Specifications

## GENERAL SPECIFICATIONS

Acoustic Frequency:	1 MHz $\pm$ 10%, 3 MHz $\pm$ 10%
Output Power:	0.5 - 10.0 W $\pm$ 20%, when duty factor $\geq$ 80% for 5cm <sup>2</sup> 0.5 - 15.0 W $\pm$ 20%, when duty factor $\leq$ 70% for 5cm <sup>2</sup> 0.1 - 2.0 W $\pm$ 20%, when duty factor $\geq$ 80% for 1cm <sup>2</sup> 0.1 - 3.0 W $\pm$ 20%, when duty factor $\leq$ 70% for 1 cm <sup>2</sup>
Pulse Repetition Rate:	100 Hz $\pm$ 10%
Duty Factor:	10% - 100%, Stepping 10%
Timer:	Max 30 minutes
Effective Radiating Area:	5.0 cm <sup>2</sup> $\pm$ 20%; 1.0 cm <sup>2</sup> $\pm$ 20%
Actual Intensity:	3.0 w/cm <sup>2</sup> $\pm$ 20% (1.0 MHz) 3.0 w/cm <sup>2</sup> $\pm$ 20% (3.0 MHz)
Raw (Max):	5.0
Beam Type:	Collimated
Material Applicator:	Aluminum
Waterproof Grade:	IPX7 only for treatment head

## TECHNICAL DATA OF POWER SUPPLY

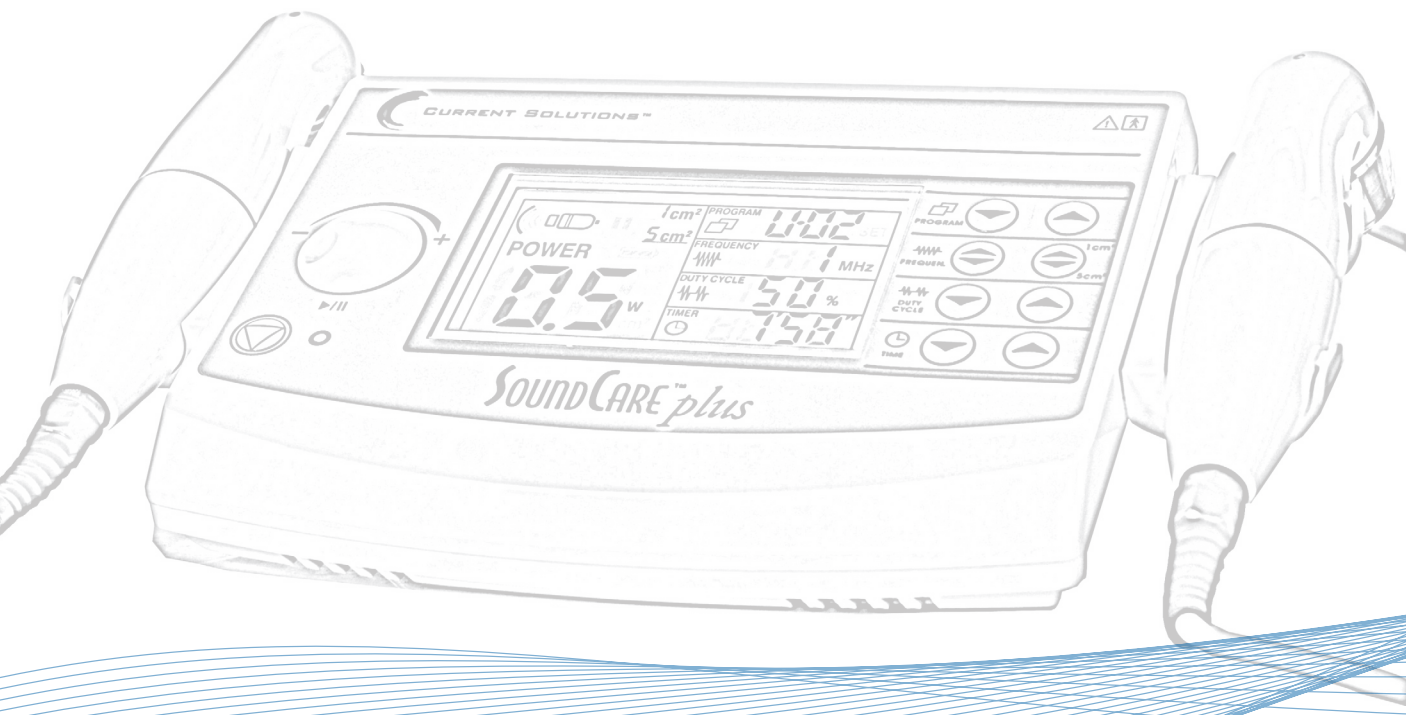
Supply Voltage:	100V - 240V
Frequency:	47Hz - 63Hz
Power:	45W
Output Voltage:	13 - 16V
Output Current:	1.35A
Dimensions:	143 mm (L) x 73 mm (W) x 40 mm (H)

## ENVIRONMENTAL CONDITIONS FOR USE

Environmental Temperature:	10° - 40°C
Relative Humidity:	30% - 85%
Atmospheric Pressure:	800 - 1060hPa

## ENVIRONMENTAL CONDITIONS FOR STORAGE

Environmental Temperature:	-20° - 55°C
Relative Humidity:	20% - 90%
Atmospheric Pressure:	700 - 1060hPa



Caution: This is a Class II Medical device and Federal law restricts this device to sale by or on the order of a licensed health care professional.