

COMPACT COMBINATION THERAPY



The **SONOMED 302** is a compact combination therapy. It has three different types of modality, including ultrasound and electrotherapy applications. In the development of the unit simplicity of operation and functionality were the principal consideration. All the available types of current and therapy are clearly displayed on a 4" Colour touch screen. The intensity can be easily set with encoder. Pre-programmed memory with treatment applications offers protocols for more than 111 frequently occurring indications. And users can store their settings in user memory.

FEATURES

- Both medium and low frequency currents
- Ultrasound and Electrotherapy can be used simultaneously, combined and individually
- Can treat 2 patients simultaneously
- Ultrasound therapy 1 & 3 MHz
- 111 Pre-programs with condition wise protocols
- Cable and electrode checking mode
- User settable memory with patient name
- Encoder for intensity
- Light weight and compact design
- Plastic cabinet
- 4" Colour Touch Display
- Advanced patient safety system
- Independent intensity variation for each channels
- 2 Channel for Electro Therapy

SPECIFICATIONS

INTERFERENTIAL

Carrier frequency	- 2000Hz & 4000Hz
Base frequency	- 1-250Hz (1Hz step)
Sweep frequency	- 0-250Hz (1Hz step)
Sweep modulation Programs	- 1/1Sec, 5/1/5Sec, 6/6Sec
Therapy Modes	- Four pole Classic Four pole Vector 90° Four pole Vector 45° Two pole pre-modulated

RUSSIAN CURRENT

Frequency	- 2500Hz
Modulation	- Constant / Surge
Ramp Rise/Fall	- 1-10Sec (1Sec step)
Burst	- 30-250Hz (1Hz step)
Hold ON	- 1-99Sec (1Sec step)
Hold OFF	- 1-99Sec (1Sec step)

TENS

Frequency	- 2-250Hz (in Hz variation)
Pulse Width	- 20-400 μsec (in 1 μsec variation)
Burst Frequency	- 1-10Hz
Sweep Frequency	- 2-245Hz to 7-250Hz
Waveform	- Symmetric / Asymmetric / Alternating / Monophasic
Modes	- Continuous / Burst / Sweep burst & Sweep

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ULTRASOUND THERAPY

Frequency	-	1 & 3 MHz
Mode	-	Cont./Pulse
Pulse freq.	-	100Hz
Pulse ON duty.	-	10% -90% (10% steps)
ERA Transducer L	-	5cm ²
ERA Transducer S	-	1cm ² (Optional)
Max. Intensity	-	2W/cm ² (cont), 3W/cm ² (Pulse)
Contact control	-	Acoustic sensor
Type of beam	-	Collimated
Beam non-uniformity Ratio	-	5:1 (Max)

TECHNICAL DATA

Display	-	4" Colour Resistive Touch Display
Mains Voltage	-	100 - 240V / 50/60Hz,
Safety Class	-	Class 1, Type BF (IEC60601-1)
Dimensions	-	LxBxH - 23x22.8x9.5 cm
Weight	-	2.1 Kg

Accessories

