

# Shortwave

## Solid State Diathermy

SSD-500

### 1<sup>st</sup> SWD in Nation with Solid State Generator

SSD-500 with solid state generator present Shortwave Diathermy in its most advanced induction field circuitry provides a short-wave frequency of 27.12 MHz that penetrates deep into muscle tissues with negligible heating in the fatty layer or bone. Ideal for professionals or trained personnel in physiotherapy, rehabilitation or Hospital setup.

### Special Features

- Solid State Shortwave Diathermy
- Digital Display
- Microprocessor Controlled
- Manual Tuning
- High performance multi-jointed arms
- Easy to use control and readouts
- Safety Circuitry

### Applications

- Prevent joint stiffness.
- Maintain and improve range of motion.
- Reduces post operative pain
- Prevent intra-articular adhesion and extra-articular contractures.

### Accessories of SSD-500



Pad Electrodes



Disk Electrodes



### Technical Specification

Outputs	- One (2 Pads)	Max. Output Power	- Pulsed Mode : 500 Watt
Waveform	- Sine Wave		- Continuous Mode : 250 Watt
Modes	- Continuous & Pulsed	Operating Voltage	- 220 V AC / 50 Hz
Frequency	- 27.12 MHz	Power Consumption	- 550 VA
Wavelength	- 11 Meters	Electrodes (Standard)	- Flexible Capacitive Rubber Electrodes
Pulse Rate	- 100, 150, 200, 225 Hz	Optional Electrodes	- 2 Capacitive Round Electrodes
Pulse Width	- 1 - 4 millisecond		1 Inductive Disk Electrode
Ambient Temperature	- 10° - 40° C	Net Weight	- 75 Kg
Relative Humidity	- 30% - 75%	Gross Weight	- 125 Kg
Fuses	- 8 A Slow Blow	Dimensions(LxHxW)	- 400 x 500 x 1000 (mm)
Treatment Time	- 1 - 30 Min	Electrical Class	- CLASS I