



WAVESTAR 300

Pulsed Solid State Shortwave Diathermy



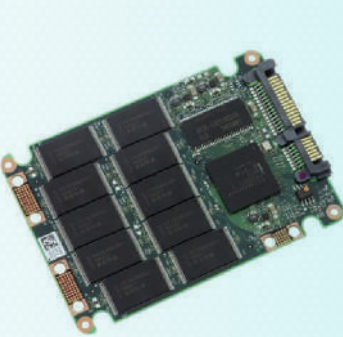
Inflammation Reduction • Pain Relief • Wound Healing
Oedema & Haematoma Absorption • Peripheral Circulation Stimulation

WAVESTAR 300

It is an advanced solid state technology based Pulsed shortwave diathermy Equipment.

- a-Thermic treatment in lower pulsed levels and deep heating in higher pulsed levels.
- Easily deliver desirable amount of shortwave energy.
- Portable light weight (only 9 kgs) – can be carried even for house visits.
- Average output power 150 watts.

SOLID STATE TECHNOLOGY



Developed using advanced solid state electronics. The machine produces pure 27.12 MHZ shortwave output. The highly power efficient and robust solid state power electronics can produce ripple free pure wave form.



Conventional shortwave machines in market use Radio frequency valves. Valve model shortwave besides being fragile and having non repairable parts, the technology is obsolete.

ACCESSORIES

- Flexible Pads with Intermediate felt layer
- Pad Cables
- Indicator Discharge Tube
- Wavestar 300 User Manual

ADVANTAGES OF PULSED SHORTWAVE

Continuous build up of heat is not desirable. Without control if heat keeps on increasing it can lead to burns and blisters. Real challenge particularly in treating diabetic patients. Pulsing shortwave at different desired levels gives comfort of warmth like waves and prevents continuous build up of heat.

The latest advancement in shortwave therapy is PULSED MODE. WAVESTAR 300 produces pulsed shortwave. There is an element of tissue heating which occurs during the 'on' pulse, but this is dissipated during the prolonged 'off' phase.



Treatment with no net increase in **TISSUE TEMPERATURE**

APPLICATORS PAD ELECTRODES

Flexible light weight pads of different sizes. Suitable for flat treatment area.

WIDE OPERATING VOLTAGE

Work on wide range of input voltage from 180-240 Volts and hence no need for voltage stabilizer.

TECHNICAL SPECIFICATIONS

Input Operating Voltage	180 - 240 V ~ / 50 Hz .
Output Frequency	27.12 MHz
Mode	Pulsed
Output Power	150 W Average Power
Pulse Frequency	800 Hz, 600 Hz, 500, 400 Hz
Duty Cycle	0-90%.
Power Consumption	200 watts
Treatment Duration	1 - 30 minutes in 1 minute increments (End of treatment time automatically cut off)
Electrical Class	CLASS I
Electrical Type	TYPE BF
Dimensions (L x B x H)	37 x 40 x 27cm. (Approx)
Weight	Approx 9 Kgs (lightweight)



TECHNOMED ELECTRONICS

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