

TECHNICAL SPECIFICATION

Number of Outputs	Four
Number of Channels	Four
Stimulation types	TENS & EMS
Output waveform	Symmetrical biphasic square wave

TENS 

Mode 1 : BURST - Burst of 7 pulses, selectable pulse width(selectable from 50 µs to 250 µs in steps of 10 µs) & pulse rate(1 Hz to 20 Hz in steps of 1 Hz & from 20 Hz to 120 Hz in steps of 5 Hz).

Mode 2 : MODULATION - Pulse width varies automatically from set value to 50% of set value & they returns back over a fixed period, selectable pulse width(selectable from 50 µs to 250 µs in steps of 10 µs) and pulse rate(1 Hz to 20 Hz in steps of 1 Hz & from 20 Hz to 120 Hz in steps of 5 Hz).

Mode 3 : CONVENTIONAL : Continuous output, Selectable pulse width(selectable from 50 µs to 250 µs in steps of 10 µs) and rate(1 Hz to 20 Hz in steps of 1 Hz & from 20 Hz to 120 Hz in steps of 5 Hz).

EMS 

Mode 1 : CONVENTIONAL : Continuous output, Selectable pulse width (selectable from 250 to 400 µs in steps of 10 µs) and rate (1 Hz to 20 Hz in steps of 1 Hz & from 20 Hz to 120 Hz in steps of 5 Hz).

Mode 2 SYNCHRONOUS : Continuous output, selectable Pulse width (250 to 400 µs in steps of 10µs), Pulse rate (1Hz to 20Hz in step of 1Hz & from 20 to 120 Hz in steps of 5 Hz.), relaxation time (selectable from 01 sec to 30 sec in steps of 1 sec.) Contraction time (selectable from 01 sec. to 30 sec in steps of 1 sec.) Ramp Up and Down. (Selectable from 1 sec to 9 sec in step of 1 sec.)

Mode 3 ALTERNATE: Output within 1 & 2 or 3 & 4 toggles as per set values of ON & OFF time, selectable pulse width(selectable from 250 to 400 µs in steps of 10 µs), rate (1 Hz to 20 Hz in steps of 1 Hz & from 20 Hz to 120 Hz in steps of 5 Hz),contraction time & relaxation time.

Treatment Time	1 to 60 minutes
Power	9V Adaptor or alkaline battery operated
Output Voltage	40 Volts peak to peak on 500 ohms load.
Output Current	80 mA max.
Display system	Customized LCD