

IF - 5000 COMBO STIMULATOR

johari[®]
digital

TECHNICAL SPECIFICATION

Number of Outputs	Two
Number of Channels	Four
Stimulation types	Muscle Stimulation (EMS) including Russian, Interferential, Sequencing (Combo)

EMS

Conventional:

Pulse width	:	50 to 400 microseconds (Selectable)
Pulse rate	:	1 to 150 Hz. (Selectable)

Burst: 7 Pulses.

Pulse width	:	50 to 400 microseconds
Pulse rate	:	1 to 150 Hz.

Russian - 2500 Hz.

Premodulated frequency : 50 Hz) Two Pole application.

Ramp Up / Down	1 to 9 seconds(±1 Second)
Contraction Time	1 to 30 seconds (±2 Seconds)
Relaxation Time	0 to 30 seconds (± 2 Seconds)

IFC - 5000 Hz.

Wave Form : Sine Wave (In-built Vector Stimulation 100% - 0% and then from 0% to 100% in period of 44 Seconds)

Frequency :

- LOW** Sweep 1 (± 4) to 10 (± 4) Hz.
- HIGH** Sweep 80 (±25) to 150 (±50) Hz.
- WIDE** Sweep 1 (±25) to 250 (±50) Hz.
- FIXED** Selectable beat frequency
10, 20, 30,.....200 Hz (± 10% or ±5Hz)

Treatment Time	1 to 60 minutes (± 5%)
Combo Sequencing Time	1 to 30 minutes (± 5%)
Combination Option	Yes (IFT + EMS)
Power Source	4 X 1.2V Ni-Mh, Rechargeable batteries.

Output Voltage 40 Volts peak to peak.
On 500 Ohms load.

Output Current.(± 10%) 80 mA peak to peak on
500 ohms load

Special Feature

Compliance Timer : Logs the Total Treatment Time the unit has provided. The unit of logging is 10 minutes i.e. If instrument is used between 1-10 min. the unit will be one.

Compliance Number : Log the total number of Treatments taken from Instrument. (1 unit = 1 treatment)

Lock Key : Save the selected treatment parameters separately for EMS, IFC/IFT & COMBO.