

## COMPUTERISED COMBO THERAPY



The UNISTIM is an advanced therapeutic equipment in the field of electrotherapy. More than 12 different current types can be selected, providing facilities for all modern electrotherapy and electrodiagnostic 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 large LCD screen. The corresponding parameters are easily set with five soft touch keys. Pre-programmed memory with treatment applications offers protocols for more than 64 frequently occurring indications. And users can store their settings in user memory.

### FEATURES

- Both medium and low frequency currents
- 64 Pre-programs condition wise with protocols
- Cable and electrode checking mode
- User settable memory
- Cap-sense keys
- Built in rechargeable battery (optional)
- Light weight and compact design
- Easy to operate
- Plastic moulded cabinet
- future upgrade without change in hardware
- DSP Based circuitry, outputs are in 100% accuracy
- Large graphic LCD display
- International standards and specifications
- Advanced patient safety system
- PC Interface facility (in future)

### SPECIFICATIONS

#### Interferential

- Carrier frequency - 2000 Hz/ 4000 Hz
- Base frequency - 0-150 Hz (1 Hz step)
- Sweep frequency - 0-150 Hz (1 Hz step)
- Sweep modulation
- Programs - 1/1S 1/5, 1/5S 6/6S
- Therapy Modes - Four pole Interferential  
Four pole Vector 90°  
Four pole Vector 45°  
Two pole pre-modulated

### TECHNICAL DATA

- Mains Supply - 90-270V/ 50 or 60 Hz
- Safety Class - Class I, Type BF (IEC 60601-1)
- Dimensions - L x B x H - 30 x 25 x 10.5 cms
- Weight - 2.5 Kgs

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**Muscle Stimulator Currents**

Plain galvanic - Continuous DC Current  
 Int. galvanic - Diagnostic-0.01, 0.03, 0.1., 0.3, 1.3,  
 10, 30, 100, 300 mSec (in 10 mSec  
 variation) Off Time-500, 1000,  
 2000 mSec.

FARADIC  
 Freq./P.width - 50 Hz/0.7 mSec.  
 Surge ON time - 1-10 sec. (in 1 Sec. variation)  
 Surge OFF time - 1-6 sec. (in 1 sec. variation)

**Tens**

Frequency - 2-250 Hz (in Hz variation)  
 Pulse Width - 20-250  $\mu$  sec (in 1  $\mu$  sec variation)  
 Burst Frequency - 1-4 Hz

**Ultra Reiz**

ON Time - 2 mSec  
 OFF Time - 5 mSec

**Low Frequency  
 Alternating Current**

Diadynamic Currents - DF, MF, CP, LP  
 Timer - 0-60 minutes  
 Display - 128x64 Graphic backlite  
 LCD display

