

## TENS & ULTRASOUND THERAPY



SONOTENS is an advanced solid state 1 MHz ultrasound therapy and dual channel TENS equipment. Ultrasound is sleek and compact in design and easily selectable continuous and pulsed mode. A digital display indicates output power in  $W/cm^2$ . Easily selectable micro-controller based timer and plastic moulded light weight transducer with water resistant. TENS is the microcontroller based circuitry has six preprogrammed output modes that can be selectable by a soft touch key. It has 15 mins built in timer and it will be operated by battery / mains.

### FEATURES

#### ULTRASOUND

- Continuous and pulsed ultrasound
- Digital display of treatment time
- Provision for combination therapy
- Built in digital circuit and control all functions
- Digital display of applied intensity
- Underwater treatment transducer
- Compact and light weight
- Non thermal effect
- External 12V input operation

#### TENS

- Six pre programs
- Micro-controller controlled circuitry
- Battery / Adaptor
- Built-in 15 min timer
- Separate intensity control for both channels.

### SPECIFICATIONS

#### ULTRASOUND

- Ultrasound Frequency - 1 MHz
- Ultrasound Output Modes - Continuous / Pulsed
- Pulses Duration / Frequency - 1,2,4 & 5 m secs / 100 Hz
- Intensity - 0 - 3  $W/cm^2$  (max)
- Timer - 0-99 mins with set +, set -, start /Pause facility
- Display - Power output  $W/cm^2$

#### TENS

- Channels - Two
- Waveform - Asymmetrical Bi-phasic square Pulse
- Intensity - 0-100mA continuously adjustable
- Timer - Built in 15 minutes timer

#### TECHNICAL DATA

- Mains Voltage - 90 – 270V / 50 or 60 Hz
- Safety Class - Class I, Type BF (IEC 60601 -1)
- Dimensions - L x B x H – 21 x 22.5 x 6.5 cms
- Weight - 1.75 Kgs