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Electrotherapy Equipment and Supplies

# PREMIER TENS Plus *with 12 Preset TENS Programs*

Built-in Presets for Quick & Easy Set-Up • Safe User-Friendly Features  
AC Adapter or 9V Battery Power

## Premier Features

- Dual channel (4-lead) Digital TENS Neuro-Stimulator
- Fully digital with micro-processor circuitry and controls
- 5 TENS Adjustable Modes (Normal, Burst, Modulated Rate & Width, Strength Duration 1, Strength Duration 2)
- 12 Preset TENS Programs for quick set-up and ease of use
- Large, easy-to-read LCD display that shows all parameters
- Parameter Lock button to prevent accidental changes to settings
- Treatment Pause button to pause and resume treatment at any time
- Treatment Timer 5-60 minutes, or Continuous operation
- Treatment Countdown display with Automatic Shut-Off
- Compliance Monitor records up to 999 hours of usage
- AC Adaptor (included) or 9V battery power supply
- Low-battery indicator display
- Sturdy all-metal belt clip
- 3-year warranty
- Comes with 1 pkg of 4 reusable self-adhering electrodes, 1 set 43" pin leadwires, 1 each 9V heavy duty battery, AC Adaptor, carrying case, and instruction manual



## Technical Specifications

- **Channels:** Dual, isolated between channels
- **Wave Form:** Asymmetrical Biphasic Square Pulse
- **Amplitude:** 0-100 mA (peak to peak into 500 ohm load each channel)
- **Output Voltage:** 0 to 50V (500 ohm load)
- **Modes:** 5 TENS Modes: B (Burst), N (Normal), M (50% Modulated Rate & Width), S1 (40% Modulated Width), S2 (70% Modulated Width)  
12 TENS Preset Programs P1-12 (see Programs Chart on back)
- **Pulse Rate (Frequency):** 2 - 150 Hz, 1 Hz/step
- **Pulse Width (Duration):** 50 - 300 microseconds ( $\mu$ s), 10  $\mu$ s/step
- **Treatment Timer:** 5 - 60 minutes or Continuous (C), 5 min/step
- **Compliance Usage Meter:** Records up to 60 sessions, up to 999 hours
- **Low Battery Indicator:** Battery symbol appears when battery power is low
- **Parameter Lock Button:** Locks in the parameters to prevent changes to settings
- **Power Supply:** One 9 Volt Battery or AC adapter
- **Size:** 4.65"(L) x 2.36"(W) x 1.22"(D)
- **Weight:** 1.57 grams with battery

## Preset Programs of TENS (P1 - P12)

| Program # |   | Pulse Rate (Hz) | Pulse Width (µs) | Timer (min) | Conditions   |
|-----------|---|-----------------|------------------|-------------|--|
| 1         | <b>Conventional TENS</b><br>Ideal for first application of TENS for both acute & long term pain   | 80              | 180              | Continuous  | Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee |
| 2         | <b>Burst TENS</b><br>Most effective for radiating pain in arms, legs and deep muscular pain   | 2               | 180              | Continuous  | Osteoarthritic Pain in the Knee, Sciatica Central Pain   |
| 3         | <b>Modulated TENS</b><br>Pain relief with a massage effect  | 80              | 70 - 180         | Continuous  | Neck pain, shoulder pain, elbow pain, rheumatic pain, lumbago, menstrual pain, hip pain, osteoarthritic knee pain        |
| 4         | <b>Mixed Frequency TENS</b><br>Alternates between 2 low rates   | 15/2            | 180              | Continuous  | Osteoarthritic knee pain, neck pain, shoulder pain, central pain, lumbago  |
| 5         | <b>Mixed Frequency TENS</b><br>Effective program for long term use with a reduced accommodation factor, alternates between high rate and low rate | 80/2            | 180              | Continuous  | Osteoarthritic knee pain, neck pain, shoulder pain, menstrual pain, central pain, lumbago<br>Nausea, motion sickness     |
| 6         | <b>Nausea</b><br>Specifically for the treatment of nausea, treatment most successful placing electrode over acupuncture point C6                  | 10              | 180              | Continuous  | Nausea   |
| 7         | <b>Migrane/Headaches</b><br>Reduced pulse width ideal for treating nerve rich areas   | 80              | 60               | Continuous  | Tension Type Headache, Neck Pain, Postherpetic Neuralgia   |
| 8         | <b>Low Frequency Modulation</b><br>70% rate modulation over 10 seconds  | 10              | 200              | Continuous  | Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee |
| 9         | <b>Frequency &amp; Width Modulation</b><br>90% rate & width modulation over 10 seconds  | 50              | 250              | Continuous  | Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee |
| 10        | <b>Frequency Sweep Mode</b><br>Sequential modulation of frequency to prevent stimulus accommodation   | 5-125           | 120              | Continuous  | For all types of pain conditions   |
| 11        | <b>Frequency &amp; Width Modulation</b><br>Modulation Rate & Width over 6 seconds   | 2-100           | 150 - 260        | Continuous  | Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee |
| 12        | <b>Frequency Modulation</b><br>Modulation Rate over 6 seconds   | 7-80            | 260              | Continuous  | Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee |



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