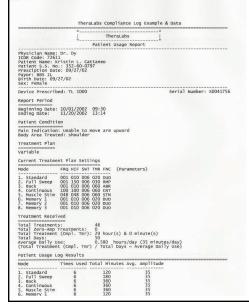


The TL 2000 High Voltage Galvanic Stimulator

The most durable, flexible and feature-rich HVG unit on the Market





Compliance Reports

Features and Benefits

- Full FDA approval
- Independent studies show reduction in pain, swelling, & healing times
- Records usage data for compliance reporting
- Portability, smaller size, and self-application allows maximum patient mobility
- Error free and safe patient treatment with no knobs to misadjust
- 9V disposable battery power or AC power with optional wall mount adapter
- Provides four commonly used pre-programmed therapies
- Commercial grade durability and reliability
- Provides three customizable treatments storage locations
- Customizable treatment parameters protected by a security code
- Automatic treatment shut off when treatment is complete
- Countdown timer displays amount of time left in treatment
- Easy to read LCD alphanumeric display



TL 2000 Portable High Voltage Galvanic Stimulator

Today, one of the most popular modalities in rehabilitation is High Voltage Galvanic (HVG) therapy. This modality increases blood flow, aids range of motion, reduces edema and improves pain control. The **TheraLabs TL2000** provides state-of-the-art HVG stimulation in a highly reliable, miniature-sized, portable, American-made product. Four preset protocols are provided and each protocol can be customized for specific patient needs. The **TL 2000** provides unmatched flexibility and value.

Coupled with this flexibility and value are intuitive, user-friendly controls that allow the selection of a variety of treatment parameters that can be stored in any one of three memory locations. The **TL 2000** provides a new smaller size that is optimized for patient comfort and portability. However, this smaller size make no compromise in delivering all the therapeutic value required for effective treatment. Patient usage data is automatically monitored and available to the clinician. This data is protected by a security code for added confidentiality.

TECHNICAL DATA

Channels: One or two active (red) and one

dispersive (black)

Waveform: Asymmetrical monophasic expo-

nentially decaying spikes, delivered in pairs with a fixed interpulse

interval of 100 microseconds 9V disposable battery and

Power Source: 9V disposable battery and

(optional) UL approved AC power

adapter

Dimensions: 2.6" x 4.4" X 1.1"

Output Voltage: 0-300 volts peak to peak (+/-10%)
Pulse Rate: 1 - 150 pulse pairs per sec. (PPS)

Pulse Rate: 1 - 150 pulse pairs per sec. (Pl Pulse Width: Fixed at 20 microsec.

Max Charge/Cycle: 5.81 microcoulombs

Unit Weight w/ Battery 6.0 Oz.

21 CFR 890.5850)

<u>PRESET THERAPIES</u>

DAY (Day Mode) - The unit provides 100 PPS continuous for 15 min., then 200 PPS continuous for another 15 min. After 30 min. the unit shuts off. Depending in the polarity of the output leads, the user will receive treatment for chronic and acute pain.

NGT (Night Mode) - The unit provides 100 PPS continuous negative polarity for 15 min., then 20 PPS continuous negative polarity for another 15 min. The unit is then idle for 30 min. for a treatment cycle time of 60 min. The unit then repeats this cycle for five more times for a total treatment time of six hours.

FSP (Full Sweep) - The unit sweeps from 1 to 150 PPS continuous negative polarity over six seconds. It then sweeps back from 150 to 1 PPS continuous negative polarity over a second six second period. It continues providing this therapy for 30 min After 30 min. the unit shuts off.

MSP (Muscle Pump) - The unit provides a smooth amplitude ramp of 50 PPS continuous positive polarity from zero amplitude to the amplitude setting provided by the user. This ramp takes place in six seconds. Then, the unit provides a smooth amplitude ramp from the amplitude setting provided by the user to zero in a one half second period. The unit is then remains at zero amplitude for one second. This cycle is then repeated for a total treatment time of 20 Min.

M1- M3 (Memory Locations 1 through 3) - The unit allows modification of one of the four previously described therapies. This customized therapy can be stored into any of three memory location and recalled by the patient for use

ACCESSORIES

TL 2000 AC UL approved wall mount AC power adapter

TL 2000 MA Instruction Manuals
TL 2000 LW Leadwires (Set of 2)

ACCC SM Foam lined carrying case

ACES-32 Reusable 2" self-adhering electrodes (Package of 3)

Contact your local

TheraLabs Sales Rep

