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## TL-1000 Portable Interferential Stimulator Quick Start Guide



Thank you for purchasing the **TL-1000** Interferential Stimulator - the result of our continuing effort to provide quality, user-friendly electro-medical devices for all your needs. This **Quick Start Guide** is designed to introduce the basic functions and programmability of the unit.

After reading this guide, if you have additional questions regarding a feature or function, more information can be found in the Patient and Clinician Instruction Manuals.

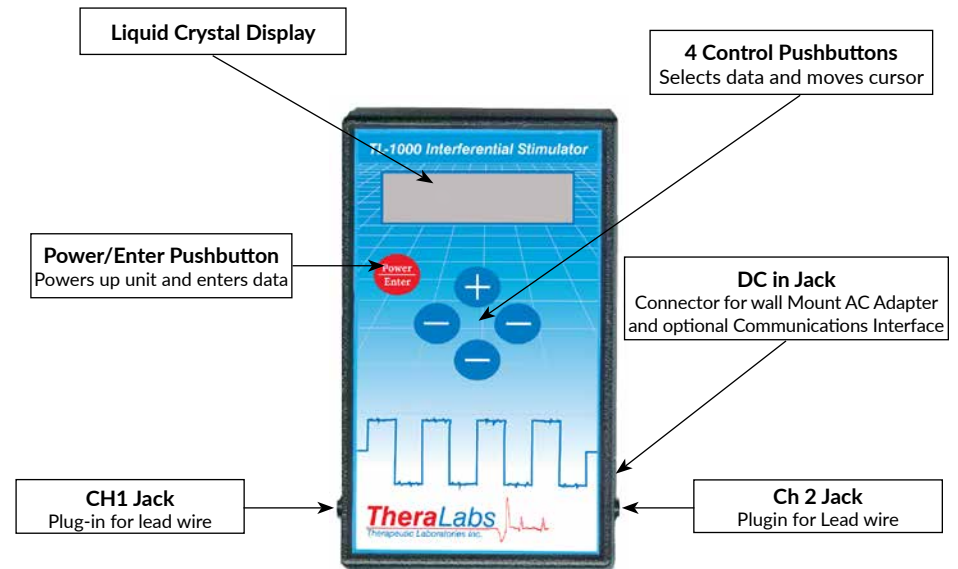


QR Code: TheraLabs TL1000 Patient Users Manual (PDF file), link below.

<https://www.controls.com/theralabs-tl1000-electric-simulator-patients-manual-and-quick-guide/>

### Quick Start

### Unit Features

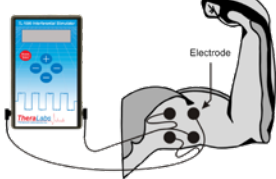

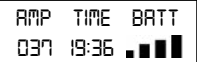


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## Quick Start

## Getting Started

1. Make sure the electrodes are placed properly on the skin and that the leadwires are properly connected to each side of the unit and the electrodes.
2. Turn on the unit by pressing the **Power/Enter** pushbutton.
3. Wait a few seconds until  shows in the display - **"Amp"** will be flashing.
4. Press the **→** pushbutton to select the Mode - **"Mode"** will be flashing.
5. Press the **+** and **-** pushbuttons to select the treatment Mode. The Modes are:
  - a. **Std (Standard Mode)** - The unit provides a beat frequency of 1 Hz for 6 sec. and then supplies a beat frequency of 10 Hz for 6 sec. This therapy is repeated for 10 min. After the initial 10 min. treatment the unit produces a beat frequency that sweeps from 80 Hz to 150 Hz within 6 sec. This second treatment continues for another 10 min. After 20 min. the unit shuts off. (For pain & swelling and after surgery)
  - b. **Swp (Sweep)** - The unit provides a beat frequency that sweeps from 1 Hz to 150 Hz within 6 sec. This treatment continues for 30 min. After 30 min. the unit shuts off. (For Rehab)
  - c. **Back (Back)** - The unit provides a beat frequency of 1 Hz for 6 sec. and then a beat frequency of 10 Hz for 6 sec. This therapy is repeated for 60 min. after which the unit shuts off. (For back injuries)
  - d. **Cont (Continuous)** - The unit provides a beat frequency of 100 Hz for the full treatment time of 60 Min.
  - e. **Stim (Stimulator)** - The unit provides a beat frequency of 48 Hz for 6 sec. followed by a ramp down to "0" amplitude that lasts for 6 sec. This phase is followed by a ramp back to the original amplitude where the cycle is repeated. This treatment lasts for 20 min.
  - f. **Mem1, Mem2, Mem3, Mem4 (Memory Locations)** - The unit provides modifications of the five previous therapies programmed into these locations as described in the Clinician Programming Guide on the next page.
6. Press the **←** pushbutton to select the treatment amplitude. **"Amp"** will flash.
7. Press the **+** and **-** pushbuttons to set the treatment amplitude to a level indicated by your physician or therapist. The amplitude value is shown below the flashing **"Amp"**.
8. The unit will initiate treatment a few seconds after the last button has been pressed. When the treatment is started the display will show:
9. The amplitude value selected is displayed under **"Amp"**. The treatment time left will be displayed under **"Time"** and the charge left in the battery will be displayed under **"Batt"**. When the time reaches zero, the unit shuts itself off.
10. Power/Enter pushbutton once to lock the previously programmed values into the unit, and again to shut the unit off.

**Pausing the Treatment:** The treatment may be paused at any time by pressing the **Power/Enter pushbutton**. Pressing the **←** pushbutton resumes the treatment.

**Note:** If the amplitude value is zero, the unit will not begin the treatment.

## Quick Start

## Compliance Data

### Compliance Data

The TL-1000 collects information on the usage of the unit. This is called compliance data. Accessing this information requires the entry of a security code in the manner described previously on Page 5. The security code is **015 000**. Once this code is entered, The display will briefly show **"Compliance Menus selected"**. The hours (**Hrs**) and minutes (**Min**) of usage and the number of treatments (**Trmt**) completed can be read from the display. This data can be cleared by selecting the **"Clr"** and selecting **"yes"** using the **+** and **-** buttons. The security code can also be changed. Refer to the separate Clinician Instruction Manual for instructions on completing this task.

## Quick Start

## Clinician Programming Guide

### Overview:

This menu is used to customize the Pre-programmed Treatment Modes previously described, to select Usage Parameters, and to set Limitation Parameters of the unit. Customized Treatments and Usage Parameters can be stored in memory locations **M1, M2, M3, & M4**. The Usage Parameters that can be programmed include the **Time of Each Treatment (Time)**, the **Number of Treatments per Application (Tmts)**. Access to this menu requires a security code. This code is factory set for **001 005**. It cannot be changed.

### Accessing the Clinicians Programming Menu - Entering the Security Code

1. Turn the unit on by pressing the Power/Enter button. Scroll over one more to Function Menu and adjust from there.
2. While the initial "TheraLabs TL1000" is displayed, press the **j** button once. "CODE . . ." will flash in the display.
3. Enter 001 under "CODE" using the **+** button and press the **⌘** button once. ". . ." will flash.
4. Enter 005 under ". . ." using the **+** button.
5. Press the Power/Enter button once. "Clinician Menus selected" will be displayed momentarily. This indicates that the clinician's program menu has been entered.
6. The display will show **"Amp Mode Frq1"** with **"Amp"** (Amplitude) flashing. Press the **+** and **-** buttons to set the treatment amplitude (0-250) while in this menu.
7. Press **→** and **"Mode"** will flash. Mode is not settable.
8. Press **→** and **"Frq1"** will flash. Use the **+** and **-** buttons to set the low beat frequency (1 to 150 Hz).
9. Press **→** and **"Frq2"** will flash. Use the **+** and **-** buttons to set the high beat frequency (1 to 240 Hz).
10. Press **→** and **"SwpT"** will flash. Use the **+** and **-** buttons to set the sweep time (1 to 63 seconds).
11. Press **→** and **"OnT"** will flash. Use the **+** and **-** buttons to set the on time (1 to 63 seconds).
12. After customizing the Mode, press **→** and **"Time"** will flash. Use the **+** and **-** buttons to select the treatment time (0 to 100 Min.)
13. Press **→** and **"Tmts"** will flash. Use **+** and **-** to select the number of treatments per application (1 to 255)
14. Press **→** and **"Save"** will flash. Use the **+** and **-** buttons to select the memory location (**Mem1, Mem2, Mem3, Mem4**) to store the values just selected.