

Palm-sized Multi-mode Stimulator

# **Trio Series**

Multimode, programmable electrical stimulator - fits in the palm of your hand  
To complement the TRIO 300, we now present the TRIO 310 and TRIO 350 models, thereby providing a series of products for a variety of purposes. The TRIO is the first palm-sized electrical stimulator in the world to offer such a comprehensive range of modes and functions.



## **Trio 300**

For pain relief and muscle training

## **Trio 310**

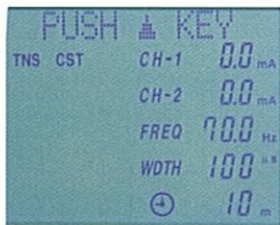
For fitness training

## **Trio 350**

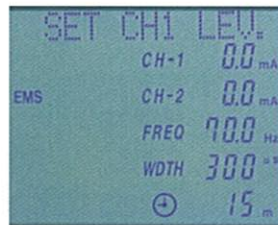
For pain relief, rehabilitation, and sports

## Features

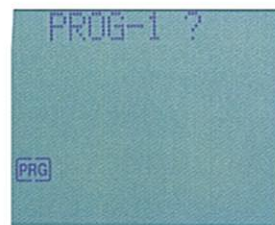
- Numerous modes and functions in a palm-sized device, including TENS, EMS (NMS), microcurrent, preset programs, and free program memories
- Easy-to-read indications on large LCD screen
- Simple four-key operation
- Memory retains its contents even when battery runs out
- Frequency and phase duration can be controlled independently on each channel on TENS constant mode
- AC and DC operation (with optional AC adaptor)
- Safety-enhanced design, with electronic self-test, keyboard locking, zero-start output, detection of abnormal pulse output
- Many additional functions, including memory of previous setting parameters, low battery power warning and automatic switch-off



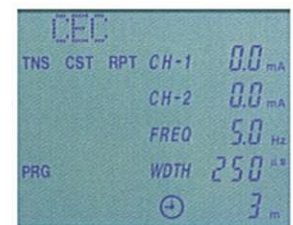
[LCD: TENS CST]



[LCD: EMS]



[LCD: PROGRAM]



[LCD: PROGRAM]

## Comparison chart for each model

Function or mode	TRIO 300	TRIO 310	TRIO 350
TENS	Yes	Yes	Yes
EMS(NMS)	Yes	Yes	Yes
Microcurrent	Yes	No	Yes
Independent control of pulse and width on each channel	Yes	No	Yes
Number of preset programs	3 Program parameters can be changed	10 Program parameters can not be changed	40 Selection of changeable/nonchangeable program parameters is possible
Number of free program memories	5(10 phases for each program) Note : Five memories including preset program area	None	40 (5 phases for each program) Note: Users preset program area
Contents of preset programs	P.1 Fast frequency mode(30-100Hz) P.2 Slow frequency mode(1-8Hz) P.3 F+S frequency mode(1-125Hz) P.4 and P.5 memories are empty	<ul style="list-style-type: none"> <li>• Burn fat around the waist</li> <li>• Burn fat around the thighs, Lift the hips</li> <li>• Burn fat around the upper arms</li> <li>• Lift the breasts</li> <li>• Strengthen leg muscles</li> <li>• Increase muscle mass</li> <li>• Restore muscles weakened due to surgery or disuse</li> <li>• Apply relaxing massage after hard exercise</li> <li>• Relax muscles in the neck region</li> <li>• Remove discomfort in every part of the body</li> </ul>	<ul style="list-style-type: none"> <li>Bike×10 program</li> <li>Rehabilitation×10 program</li> <li>Skiing×10 program</li> <li>Soccer×10 program</li> </ul>

## Specifications

**Output channel:** 2 channels, independently controlled  
**Pulse shape:** Symmetric, bi-phase rectangular pulse  
**Output current:** Constant current, Peak value display  
 Max.80mA at 500 ohm load TENS, EMS(NMS)  
 Max.750μA at 500 ohm load Microcurrent  
 (not installed in TRIO 310)  
**Pulse width:** 50–250microsec. TENS  
 100–300microsec. EMS(NMS)  
 1–250millisec. Microcurrent  
**Pulse rate:** 1–200Hz per sec. TENS  
 25–100Hz per sec. EMS(NMS)  
 0.3–400Hz per sec. Microcurrent  
**Output mode:**  
 (1)TENS: Constant, Burst, Modulation  
 Pulse rate and width can be set independently on each channel on constant mode.

(2)EMS(NMS)  
 Hold time: 0.5–30 sec.  
 Rest time: 1–60 sec.  
 Ramp Up/Down time: 0.1–6 sec. (20% of hold time)  
 (3)Microcurrent: Constant only  
 (4)Program: Preset programs or free programs  
**Programming capability:** As per the comparison chart  
**Timer:** 30 minutes ± 2% (for Trio 300)  
 60 minutes ± 2% (for Trio 310 & Trio 350)  
**Display:** LCD(46mm×37mm)  
**Power source:** DC 9V battery or AC  
 (AC adapter is optional.)  
**Conformity:** CE, FDA, UL  
**Size:** 115mm(D)×69mm(W)×27mm(H)  
**Weight:** 145gr. without a battery

### Standard accessories:

RA-002 4×Rubber electrode  
 HD-001 4×Gel pad  
 ZL-240MDD 2×Leadwire 1×Carrying bag  
 1×Belt clip 1×Battery  
 1×Adhesive tape



### Optional accessories:

TR-230 AC adaptor for 220V–240V  
 TR-115 AC adaptor for 110V–120V  
 RV-001 Vaginal electrode 'M'  
 RS-001MDD Stick electrode (for Microcurrent)