

# MED LABS, INC.

## Electronic Muscle / Neuromuscular Stimulators

**“THE GOLD STANDARD IN PORTABLE STIMULATORS”**

Interrupted D.C. and Pulsed (Galvanic and Faradic)

EMS-1C™, (Interrupted D.C. only)

EMS-2C™, (I.D.C. and Pulsed)

### SPECIFICATIONS

#### INTERRUPTED D.C.:

0-18 milliamps. Peak  
30 millise. Duration  
1 pulse per second

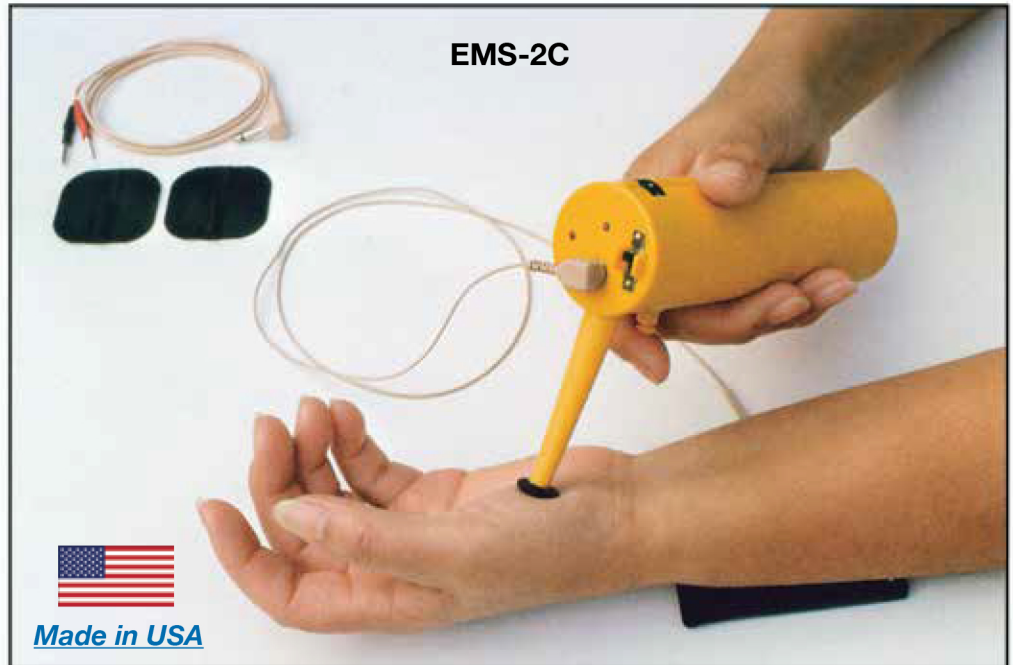
#### PULSED:

0-25 milliamps. Peak,  
80 pulses per second,  
250 µsec., 1/2 pk. duration

Contact us for customized specs.

#### **FDA Recognized Indications:**

Prevent or retard disuse atrophy,  
Relaxing muscle spasms,  
Muscle re-education,  
Maintaining or increasing Range  
of Motion.



**NOTE:** FEDERAL LAW RESTRICTS THESE  
STIMULATORS TO SALE BY OR ON THE ORDER  
OF A PHYSICIAN OR PHYSICAL THERAPIST.

### **Free 30-Day Evaluation for medical professionals**

Contact us for details:  
[Sales@medlabsinc.com](mailto:Sales@medlabsinc.com)  
Voice or FAX 800-968-2486

### **FEATURES**

- Effective and Comfortable Stimulation
- Customized Specifications Available
- Current Limited for Safety
- Interrupted D.C. and Pulsed Current
- One hand operation
- Ideal for facial and smaller peripheral muscles
- Reliable and versatile - use either Water-Soaked or Conductive-Rubber Electrodes
- Battery Powered (Standard 9-Volt Battery)
- Two Year Warranty on Materials and Workmanship
- Weight: Approximately 6 Ounces
- Low price

*Call us for the name & location of your nearest dealer.*

### **DESCRIPTION**

The EMS-1C™ and EMS-2C™ are safe, effective, easy to use, electronic muscle/neuromuscular stimulators. The EMS-1C produces Interrupted D.C. (Galvanic) Stimulation. The EMS-2C produces Interrupted D.C. and Pulsed (Faradic) Stimulation. FDA recognized indications for muscle stimulators include: 1. Preventing or retarding disuse atrophy; 2. Relaxing muscle spasms; 3. Muscle re-education; and 4. Maintaining or increasing Range of Motion. Both units allow easy one hand operation, including output current adjustment, active probe positioning, and on-off control. These instruments are commonly used in the evaluation and treatment of muscle dysfunction caused by peripheral and C.N.S. disorders.

The small size and light weight of these stimulators make them convenient for bedside and in-home treatments by therapists. Physicians and therapists often prescribe these instruments for some patients to administer their own therapy. This is due to the simplicity of the units and the inherent safety of battery powered devices (complete electrical isolation from other equipment). This permits an optimum amount of therapy, rather than that limited by a therapist's time and cost considerations.

Electronically, the circuit uses a “current-sourced” output supplying the necessary voltage to produce the set current level.

**MED LABS, INC.**

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