

The Stimulator of Choice for Customized Rehabilitation

The EMS+2™ provides the convenience of two modalities in one portable, friendly package. This device offers both an AC and a DC mode, easy to use dials, fully adjustable parameters and an accessory jack for either a hand or heel switch. The EMS +2 allows the clinician to customize the therapy regimen to precisely meet the individual patient's needs.

THE EMS+2 OFFERS THESE UNIQUE BENEFITS

DC Mode

The DC mode is a pulsed monophasic waveform used to assist in the reduction of post-traumatic edema and muscle spasms and the re-education of partially denervated muscles. The input of monophasic current alters the pH of the tissue to either dilate or constrict the vessels, thereby controlling local blood flow. This physiologic effect has many uses including edema reduction and increasing range of motion, thus reducing pain.

AC Mode

The AC mode is a symmetrical biphasic waveform which delivers equal stimulation to each electrode for balanced, efficient, comfortable rehabilitation. This current is typically selected when treating large muscles or large muscle groups for a variety of conditions including: increasing or maintaining range of motion, re-educating muscles for increased function and prevention of disuse atrophy.

Adjustable Width

The EMS+2 has a fully adjustable parameter selection, including an adjustable width (duration). By using a very narrow pulse width, the clinician can effectively isolate and treat very small muscles such as those found in the hand or forearm. A wide pulse width is ideal for maximum motor nerve recruitment for large muscle groups such as the quadriceps or hamstrings.

COMMON USES

Unlike traditional muscle stimulators, the EMS+2 has applications in treating many disease etiologies. The device can be used in a variety of treatments:

- Strengthening muscles following joint surgeries
- Re-educating muscles following nerve injuries
- Increasing local blood flow for various vascular diseases

EMS+2™

