

# BioStim<sup>®</sup> NMS2

## Digital Neuromuscular Stimulator



**BioMEDICAL**  
LIFE • SYSTEMS

**Therapy Solutions**  
since 1984

"Live and Enjoy Life Pain Free"



# BioStim® NMS2

## PACKAGE INCLUDES

- 1 BioStim® NMS2
- 4 2"x 2" electrodes
- 2 BMLS® lead wires
- 2 AA alkaline batteries
- 1 Instruction manual
- 1 Carrying pouch

## SPECIAL FEATURES

- Timing options for contractions
- Low battery status indicator
- Fixed and custom settings
- High pulse width to 400  $\mu$ S
- Belt clip
- Patient Compliance Meter
- HCPCS 0745

## GENERAL SPECIFICATIONS

SIZE	3.9" x 2.6" x 1.3"
WEIGHT	8 oz
POWER	4 AA Batteries, type LR6
CHANNELS	Dual (2)
WAVEFORM	Symmetrical biphasic square (SYM) and Asymmetrical biphasic square (ASYM)
PULSE RATE	1 - 120 Hz (hertz) adjustable
PULSE WIDTH	50 - 400 $\mu$ S (microsecond) adjustable
INTENSITY	0- 120 mA (milliamp) (adjustable)
OUTPUT	Constant current
MODES	<p><b>Constant:</b> Deliver the set pulse rate and width in a steady current to all channels.</p> <p><b>Cycled:</b> Deliver the set pulse rate and width in repeating cycles to all channels simultaneously.</p> <p><b>Reciprocal:</b> Delivers the set pulse rate and width in repeating cycles. In this mode cycles alternate between channels.</p>
TIMING OPTIONS	<ul style="list-style-type: none"> <li>• Ramp ON: 0 - 10 seconds (adjustable)</li> <li>• Ramp OFF: 0 - 10 seconds (adjustable)</li> <li>• ON Time: 0 - 99 seconds (adjustable)</li> <li>• OFF Time: 0 - 99 seconds (adjustable)</li> <li>• Delay: 0 - 99 seconds (adjustable)</li> </ul>
THERAPIES	8 Preprogrammed (fixed)
OUTPUT	Constant current
TOLERANCE	+/- 10%
TIMER	0 - 90 minutes

Data recorded across a 500 OHM load resistance



The BioStim® NMS2 is extremely flexible, powerful, comfortable and user friendly! Functions like a TENS in constant mode to achieve pain relief, but its biggest contribution is its muscle contracting stimulation. Boasting one of the highest pulse widths in its class with an impressive pulse width of 400  $\mu$ S (microsecond) is high enough to contract some of the largest muscles in professional sports.

Customize your patient's therapy by adjusting the "timing options" to support your therapy regimen. The patient or therapist can easily toggle from pain relief settings, to a muscle conditioning program with the push of one button. Modes constant, cycled and reciprocal modes are available to program and holds custom settings.

There are eight (8) user friendly preset therapy settings to accommodate a wide population range from pediatric applications to professional athletes. The device holds up to three custom programs and it is easy for the patient to toggle between them. The custom programs remain set into the device until they are changed or reset.

The Patient Compliance Meter (PCM) starts recording the number of hours the device has been used from the first time it is issued to the patient, until the device is reset by the therapist. The adjustable pulse width setting enables patients of all tolerance levels to achieve success in their rehab program.

The BioStim® NMS2 comes with everything needed to manage your therapy sessions and includes our proprietary touch proof designed lead wires.



1954 Kellogg Avenue  
 Carlsbad, CA 92008  
 Ph: (800) 726-8367 USA  
 Ph: (760) 579-0801 INTL  
 Fx: (760) 929-9953  
 www.bmls.com  
 information@bmls.com



Cage Code 3R8H6

