

# Intelect® Neo sEMG and Stimulation Modules

Ordering Information	
Part Number	Description
<b>Intelect Neo EMG + Stim Module</b>	
70004	Intelect Neo Module Stim Channels 1 & 2 + EMG
<b>Standard Accessories</b>	
13-8905	Stim 1/2 Module User Manual
13-7718	Modules User Manual on CD
42182	Dura-Stick® Plus 2 inch round (2 packs of 4 each)
70010	Stim Ch 1/2 Leadwire Kit
70014	Stim Ch 1/2 + EMG Leadwire Kit
<b>Intelect Neo Stim Module</b>	
70000	Intelect Neo Module Stim Channels 1 & 2
<b>Standard Accessories</b>	
13-8905	Stim 1/2 Module User Manual
13-7718	Modules User Manual on CD
70010	Stim Ch 1/2 Leadwire Kit
42182	Dura-Stick® Plus 2 inch round (2 packs of 4 each)
<b>Intelect Neo Channel 3/4 Stim Module</b>	
70003	Intelect Neo Channel 3/4 Stimulation Module
<b>Standard Accessories</b>	
13-8893	Stim 3/4 Module User Manual
13-7718	Modules User Manual on CD
42182	Dura-Stick® Plus 2 inch round (2 packs of 4 each)
70011	Stim Ch 3/4 Leadwire Kit
<b>Optional Accessories for all Stim modules</b>	
70001	Intelect Neo Cart
70008	Intelect Neo Patient Remote
79977	HiVolt Probe
70012	Stim Ch 1/2 XL Leadwire Kit
70013	Stim Ch 3/4 Leadwire Kit XL
42192	Dura-Stick® Plus 5 cm round electrodes
10648	Nylatex Wrap
79967	6 x 8 cm carbon electrodes (4x)
79970	6 x 8 cm sponges (4x)



## Intelect Neo sEMG & Channel 1/2 Stimulation Module

The sEMG module combines surface EMG biofeedback with 2 channel electrotherapy and the ability to trigger stim from sEMG outputs. The module fully integrates with the Neo's advanced features such as the Clinical Protocol Setup (CPS) system.

- Over 30 clinical waveforms
- Up to 4 independent electrotherapy channels (with optional channel 3/4 module)
- A comprehensive electrode placement guide with detailed descriptions and imagery
- Improved sEMG functionality offering both bar and linear graph displays
- Provides precise biofeedback of muscle activity with a sensitivity of less than 3 micro volts
- Specific muscle isolation for re-education, strengthening or rehabilitation

## Intelect Neo Channel 3/4 Stimulation Module

The Channel 3/4 module gives a total of four independent electrotherapy channels and fully integrates with the Neo's advanced features such as the Clinical Protocol Setup (CPS) system.

## Intelect Neo Channel 1/2 Stimulation Module

A 2 Channel Electrotherapy module (without sEMG) designed specifically for the Intelect Neo Therapy System.



### Technical Specifications

Mains Power:	100 - 240 VAC, 2.5A to 1.25A, 0/60 Hz
Weight:	Module only: 0.5 kg
Dimensions*:	Module only: 28 x 16 x 3 cm
Electrical Safety Class:	Class 1, Type BF
Safety Tests:	IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10

\* Dimensions are listed as L x W x H

### Waveforms



#### Interferential

- Four Pole
- Manual Vector Scan
- Two Pole (Premodulated)



#### Russian

- Continuous
- Cycle Timed



#### Galvanic

- Continuous
- Medium Freq. Interrupted



#### Monophasic

- Continuous
- Cycle Timed
- Rectangular Pulsed
- Triangular Pulsed
- Surged



#### TENS

- Asymmetrical Biphasic
- Symmetrical Biphasic
- Alternating Rectangular
- Monophasic Rectangular
- HAN



#### IONTOPHORESIS

#### VMS

- Continuous
- Cycle timed
- Burst



#### Diadynamic



#### High Voltage Pulsed Current



#### Microcurrent



#### Träbert/Ultra Reiz



#### Surged/Faradic

- Rectangular
- Triangular



#### Ultrasound

- 1 and 3 MHz
- Head Contact Control
- Pulsed Repetition Freq.

#### S/D Curve