

INTELECT® NEO THERAPY SYSTEM



Intellect Neo is the new standard in physical medicine modalities. Build the precise combination for your needs with five slide-in, plug-and-play module options; Channel 1/2 stim, Channel 1/2 stim/EMG, Channel 3/4 stim, Laser and Ultrasound. Additionally, a vacuum electrode module is available for installation in the therapy cart. Each Neo unit is assembled and shipped specifically according to your customized clinical needs, but can also be easily upgraded at a later time through the purchase of additional quick-install modules.

Multiple modalities in a single unit including combination ultrasound and electrotherapy.

A completely modular setup allows you to choose among the components that best fit your practice Clinical Protocol Setup (CPS) leads users through the functions of the device and each therapy.

A comprehensive reference library providing information on therapy, treatments and pathologies Over 200 pre-loaded clinical protocols, fully supported by a complete library of research references extensive anatomical library that illustrates an array of pathologies treat and monitor multiple patients at the same time Full-colour , 10.4" (26.4 cm) LCD touch screen displays in sharp, vivid detail, high speed USB port allows software updates and simple and efficient transfer of patient information.

Tabletop or optional cart configuration

Advanced lead wire management system ensures access and organization around the unit.

Surface EMG and EMG plus stim (sEMG module)



SPECIFICATIONS

Main Power:	100-240 VAC, 50-60 Hz
Weight: Table top:	9.4 kg
Dimensions:	Table top: 40 x 40 x 56 cm
Class:	See Modules for full details
Safety Tests:	IEC 60601-1, IEC 60601-1-2

STANDARD ACCESSORIES

CODE:	DESCRIPTION
13-7651	Intellect® Neo User Manual
13-7652	Intellect® Neo User Manual on CD

OPTIONAL ACCESSORIES

CODE:	DESCRIPTION
70000	Intellect® Neo Channel 1/2 Stimulation Module
70001	Intellect® Neo Therapy Cart
70002	Intellect® Neo Ultrasound Module
70003	Intellect Neo Channel 3/4 Stimulation Module
70004	Intellect Neo sEMG and Channel 1/2 Stimulation Module
70005	Intellect Neo Laser Module
70006	Intellect® Neo Vacuum Stimulation module
70008	Intellect® Neo Operator Remote

ORDERING DETAILS

CODE:	DESCRIPTION
6001	INTELECT® NEO BASE UNIT



Custom Made Modality

Build the precise combination for your needs with five slide-in, plug-and-play module options; Channel 1/2 stim, Channel 1/2 stim/ EMG, Channel 3/4 stim, Laser and Ultrasound. Plus the option of a vacuum electrode module. Each unit is assembled and shipped specifically according to your customized clinical needs.

2 CHANNEL TABLETOP STIM WITH SEMG	2 CHANNEL TABLETOP COMBO WITH SEMG	2 CHANNEL COMBO WITH CART	2 CHANNEL COMBO WITH SEMG & CART	2 CHANNEL COMBO WITH SEMG LASER & CART	4 CHANNEL COMBO WITH CART	2 CHANNEL COMBO WITH SEMG AND CART	4 CHANNEL COMBO WITH SEMG, LASER AND CART
REQUIRED PART NUMBER							
6001 7004	6001 70002 70004	6001 70000 70001 70002	6001 70000 70001 70004	6001 70000 70001 70004 70005	6001 70000 70001 70002 70003	6001 70001 70002 70003 70004	6001 70001 70002 70003 70004 70005



INTELECT® NEO ULTRASOUND MODULE

An Ultrasound module designed specifically for the Intellect Neo Therapy System. The Ultrasound module fully integrates with the Neo's advanced features such as the Clinical Protocol Setup (CPS) system. Works with the electrotherapy module/s to create a wide range of combination therapy protocol options

1 and 3 MHz frequencies

Pulsed and continuous therapy operation (10%, 20%, 50% and 100%)

Variable duty cycle outputs of 16 Hz, 48 Hz, or 100 Hz

Clinical indications provide the most appropriate application and parameter set for the patient's condition

Ergonomically designed sound heads in variety of sizes (Small, Medium and Large)

All sound heads are interchangeable due to Electronic Signature™ residing on all transducers

Head warming feature and head contact control with visual and auditory feedback on all sound heads

STANDARD ACCESSORIES

CODE:	DESCRIPTION
13-7718	Intellect® Neo Modules
	User Manual on CD
13-8911	Intellect® Neo Ultrasound
	Module User Manual
4248	Ultrasound Transmission
	Gel 250 ml

OPTIONAL ACCESSORIES

CODE:	DESCRIPTION
28900	Small Intellect® Neo
	Ultrasound Applicator
28901	Medium Intellect® Neo
	Ultrasound Applicator
28902	Large Intellect® Neo
	Ultrasound Applicator
70001	Intellect® Neo Therapy Cart
70008	Intellect® Neo Operator Remote



ORDERING DETAILS

CODE:	DESCRIPTION
70002	INTELECT® NEO ULTRASOUND MODULE

SPECIFICATIONS

Main Power:	100-240 VAC, 50-60 Hz
Weight:	Module only: 0.5 kg
Dimensions:	Module only: 28 x 16 x 3 cm
Electrical Safety	
Class:	Class I, Type B
Safety Tests:	IEC 60601-1, IEC 60601-1-2



INTELECT® NEO sEMG AND STIMULATION MODULES



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

Upto 4 independent electrotherapy channels (with optional channel 3/4 module)

A comprehensive electrode placement guide with detailed descriptions and imagery

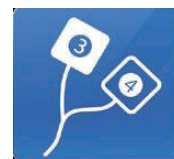
Improved sEMG functionality offering both bar and linear graph displays

Provides precise biofeedback of muscle activity with a sensitivity of less than 3 micro volts

Specific muscle isolation for re-education

ORDERING DETAILS

CODE:	DESCRIPTION
70004	Intelect Neo sEMG and Channel 1/2 Stimulation Module
70000	Intelect Neo Channel 1/2 Stimulation module
10648	Nylatex Wrap
114.610EXP	Saint-Cloud PLUS Vaginal Probe with 2 x 2 mm pin connectors (standard with 2765CS)
13-7718	Intelect® Neo Modules User Manual on CD
13-8905	Intelect® Neo Stim 1/2 Module User Manual
27321	Lead wire sEMG Channel 1
27322	Lead wire sEMG Channel 2
42192	Dura-Stick® Plus 5 cm (1.25") foam, round
79967	Rubber electrode 6 x 8 cm (1/pack)
79970	Electrode Sponge 6 x 8 cm (1/pack)



STANDARD ACCESSORIES

CODE:	DESCRIPTION
10648	Nylatex Wrap
13-7718	Intelect® Neo Modules User Manual on CD
13-8905	Intelect® Neo Stim 1/2 Module User Manual
42192	Dura-Stick® Plus 5 cm (1.25") foam, round
79967	Rubber electrode 6 x 8 cm (1/pack)
79970	Electrode Sponge 6 x 8 cm (1/pack)

OPTIONAL ACCESSORIES

CODE:	DESCRIPTION
70001	Intelect® Neo Therapy Cart
70008	Intelect® Neo Operator Remote
79977	HiVolt Probe





SPECIFICATIONS

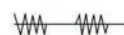
Main Power:	100-240 VAC, 50-60 Hz
Weight:	Module only: 0.5 kg
Dimensions:	Module only: 28 x 16 x 3 cm
Class:	Class I, Type B
Safety Tests:	IEC 60601-1, IEC 60601-1-2

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



Microcurrent



Träbert/Ultra Reiz



Surged/Faradic

Rectangular
Triangular



Ultrasound

1 and 3 MHz
Head Contact Control
Pulsed Repetition
Freq.
Electronic Signature
S/D Curve



IONTOPHORESIS VMS

Continuous
Cycle timed
Burst

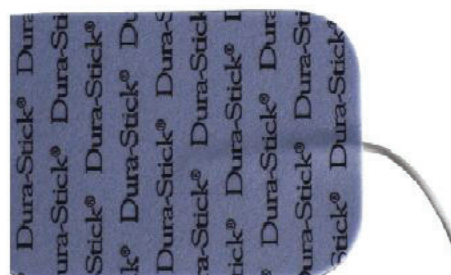


Diadynamic

MF • DF • CP • LP
CP-ISO • CP-ID
MF+CP • MF+CP-ID
• DF
+LP
DF+CP



High Voltage Pulsed Current



A vacuum electrode module designed specifically for the Intellect Neo Therapy system. Easily installed in the Neo's therapy cart, the vacuum module fully integrates with the Neo's advanced features such as the Clinical Protocol Setup (CPS) system.

- 2 channel module (4 electrode connections) that can support 4 channels with the addition of a second module in the Therapy System Cart
- Continuous or Pulsed vacuum in 10 steps
- Easily adjusted vacuum setting from 0 mbar to 600 mbar in steps of 60 mbar
- Quick release reservoir allows fast and clean removal of fluid
- Quiet and efficient operation
- Various sizes of Vacuum Electrode Cups available

STANDARD ACCESSORIES

CODE:	DESCRIPTION
13-7652	Intellect® Neo User Manual on CD
13-8809	Intellect® Neo Vacuum Module User Manual
56806	Sponges 60 mm
56901	Ch 2/4 Vacuum Lead Hose (Gray)
56902	Ch 1/3 Vacuum Lead Hose (Black)

OPTIONAL ACCESSORIES

CODE:	DESCRIPTION
70001	Intellect® Neo Therapy Cart
700040	Intellect® Neo Vacuum Module Electrode/Lead Hose Kit
70030	Intellect® Neo Lead Hose Vacuum Ch 1/2 Kit
70031	Intellect® Neo Lead Hose Vacuum Ch 3/4 Kit
70032	Intellect® Neo Lead Hose Vacuum Ch 1/2 Kit XL
70034	Intellect® Neo 90 mm Vacuum Electrode Kits
70035	Intellect® Neo 60 mm Vacuum Electrode Kits
70036	Intellect® Neo 30 mm Vacuum Electrode Kits
70037	Intellect® Neo 90 mm Vacuum Sponge Kits
70038	Intellect® Neo 60 mm Vacuum Sponge Kits
70039	Intellect® Neo 30 mm Vacuum Sponge Kits
70041	Intellect® Neo Vacuum Plug Kit



ORDERING DETAILS

CODE:	DESCRIPTION
70006	INTELECT® NEO VACUUM MODULE

SPECIFICATIONS

Main Power:	100-240 VAC, 50-60 Hz
Weight: Module only:	2.3 kg
Dimensions:	Module only: 26 x 14 x 28 cm
Electrical Safety Class:	Class I, Type BF
Safety Tests:	IEC 60601-1, IEC 60601-1-2



INTELECT® NEO LASER MODULE



The Laser Therapy module designed specifically for the Intellect Neo Therapy System. The Laser module fully integrates with the Neo's advanced features such as the Clinical Protocol Setup (CPS) system.

- Full selection of clinical indications specific to laser applicator selected
- Quickly and easily save up to 200 user-defined protocols
- Fully functional device with independent control over all parameters
- Display of energy in choice of joules or joules/cm²
- Continuous and pulsed treatment modes with fully variable pulsed frequencies
- Real time feedback of energy delivered
- Built in acupuncture point finder

27807	33 Diode Cluster Applicator, 940mW Total: 5 x 850nm 100mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED
27808	33 Diode Cluster Applicator, 1440mW Total: 5 x 850nm 200mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED

SPECIFICATIONS

Main Power:	120 - 240 V ~, 50/60 Hz 75 VA
Weight:	Module only: 0.5 kg
Dimensions:	Module only: 28 x 16 x 3 cm
Electrical Safety Class:	Class I, Type B
Safety Tests:	IEC 60601-1, IEC 60601-1-2

ORDERING DETAILS

CODE:	DESCRIPTION
70005	INTELECT® NEO LASER MODULE

STANDARD ACCESSORIES

CODE:	DESCRIPTION
13-7718	Intellect® Neo Modules User Manual on CD
13-8907	Intellect® Neo Laser Module User Manual
27525	Laser Protection Glasses (2x)
70008	Intellect® Neo Operator Remote

OPTIONAL ACCESSORIES

CODE:	DESCRIPTION
70001	Intellect® Neo Therapy Cart

LASER APPLICATORS (SINGLES)

27799	670nm LED Diode 10mW
27803	850nm Laser Diode 40mW
27840	850nm Laser Diode 100mW
27804	850nm Laser Diode 150mW
27841	850nm Laser Diode 200mW
27805	820nm Laser Diode 300mW

9 DIODE CLUSTER

27810	9 Diode Cluster Applicator, 290mW Total: 5 x 850nm 50mW Lasers, 4 x 670nm 10mW LED
27811	9 Diode Cluster Applicator, 540mW Total: 5 x 850nm 100mW Lasers, 4 x 670nm 10mW LED
27812	9 Diode Cluster Applicator, 1040mW Total: 5 x 850nm 200mW Lasers, 4 x 670nm 10mW LED

13 DIODE CLUSTER

27813	13 Diode Cluster Applicator, 265mW Total: 3 x 850nm 50mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED
27814	13 Diode Cluster Applicator, 415mW Total: 3 x 850nm 100mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED
27816	13 Diode Cluster Applicator, 715mW Total: 3 x 850nm 200mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED

19 DIODE CLUSTER

27815	19 Diode Cluster Applicator, 325mW Total: LED only, 6 x 670nm 10mW LED, 7 x 880nm 25mW LED, 6 x 950nm 15mW LED
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33 DIODE CLUSTER

27809	33 Diode Cluster Applicator, 565mW Total: LED only, 12 x 670nm 10mW LED, 13 x 880nm 25mW LED, 8 x 950nm 15mW LED
27802	33 Diode Cluster Applicator, 690mW Total: 5 x 850nm 50mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED