



TENS | NMS | IF
RUSSIAN | HIGH VOLT
MICROCURRENT

InTENSity™ EX4

The **InTENSity™ EX4** is an advanced four-channel multifunction electrotherapy system offering the practitioner a wide range of treatment options in one user-friendly, ergonomic design.

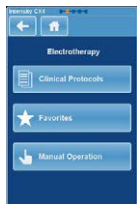
Equipped with a menu-driven color touch screen interface that intuitively groups and displays clinical protocols, guiding clinicians step-by-step to ensure the ideal therapeutic treatment. A few simple key presses are all that is needed to quick-start a treatment. Parameters can be easily selected and adjusted. Clinicians can choose to use preset clinical protocols or customize their own. The “favorites” feature allows user-defined protocols to be stored for future use.

The four electrotherapy channels can be used in combination (linked) or totally independent with different protocols running simultaneously.

The wide-ranging capability of the **InTENSity™ EX4** includes:

- Interferential Stimulation Premodulated (2 Pole IFC)
- Interferential Stimulation Traditional (4 Pole IFC)
- Biphasic (TENS)
- Neuromuscular Stimulation (NMS)
- Russian Stimulation
- High Volt Pulsed Current
- Microcurrent

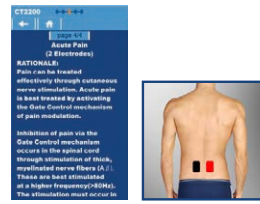
In addition, the **InTENSity™ EX4** offers a comprehensive library with treatment education and suggested electrode placement for better treatment outcome and improved clinic efficiency.



Multi-functional Touchscreen Interface



Clinical Protocols Provide the Appropriate Parameters for a Variety of Conditions.



Educational Library with Recommended Electrode Placement Guide



Optional cart moves with ease and includes six spacious storage drawers

FEATURES

- 4 channels of independent stimulation can be used in combination (linked) or totally independent
- Multi-patient function provides the ability to treat up four patients at once for maximum practice usage
- Independent intensity and parameter controls for each channel
- Sleek, user-friendly, ergonomic design for table top or therapy cart use
- Large, easy-to-read, color LCD display with screen touch interface
- Multiple waveform electrotherapy - six clinical waveforms: Interferential, Premodulated, TENS (Symmetrical Biphasic & Asymmetrical Biphasic), NMS, Russian, High Volt, & Microcurrent
- Clinical protocols providing the appropriate parameters for a variety of acute and chronic conditions
- Manual operation allows for user-defined protocols
- “Favorites” feature allows storage up to 99 custom programs for future use
- Comprehensive library provides treatment education and suggested electrode placement
- Patient remote kill switch connection allows patient to stop treatment at the push of a button
- Comes complete with EX4 device, Axelgaard® Electrodes (2” x 2” and 2” x 3.5” electrodes, 3” x 5” dispersive electrodes), rubber electrodes (2.5” x 3.5” and 2.75” x 4.3” electrodes), two straps for rubber electrodes, lead wires, power cord, patient kill switch, instruction manual, quick start guide, and a CD with electronic manual
- Optional therapy cart (DQCART) integrates with the unit and keeps supplies organized and ready for treatments
- Three-year warranty

ELECTROTHERAPY SPECIFICATIONS

BIPHASIC (TENS)

Waveforms:	Asymmetrical & Symmetrical Biphasic Rectangular
Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Pulse Width:	20 - 400 μ sec
Pulse Frequency:	1-250 Hz
Treatment Time:	1 - 60 minutes

NEUROMUSCULAR STIMULATION (NMS)

Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Pulse Width:	20 -400 μ sec
Interphase Interval:	120 μ sec
Pulse Frequency:	1-200 Hz
Ramp:	1s, 2s, 5s
Cycle Time:	Continuous, 10/10, 10/20, 10/30, 10/50, Custom
Treatment Time:	1 - 60 minutes

IFC-2P PREMODULATED

Waveform:	Sinewave
Mode Selection:	CC or CV
Vector Scan:	Auto: 20% - 100% Manual: 0° - 90°
Carrier Frequency:	Carrier F: 2 - 10 KHz Beat Low: 1 - (Beat H.) Beat High: (Beat L.) - 200 Hz
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Ramp:	2s
Treatment Time:	1-60 minutes

IF-4P TRADITIONAL

Waveform:	Sinewave
Mode Selection:	CC or CV
Vector Scan	Auto: 20% - 100% Manual: 0° - 90°
Carrier Frequency:	Carrier F: 2 - 10 KHz Beat Low: 1 - (Beat H.) Beat High: (Beat L.) - 200 Hz
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Treatment Time:	1-60 minutes

MICROCURRENT

Frequency:	0.1 - 1000 Hz
Polarity:	Positive, Negative, Alternating
Pulse Amplitude:	CC: 0 - 1,000
Cycle (Fixed):	50%
Ramp (Fixed):	1s
Treatment Time:	1-60 minutes

RUSSIAN

Carrier Frequency:	2.5 KHz
Frequency:	20 -100 Hz
Duty Cycle:	10% - 50%
Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 100 mA CV: 0 - 100 V
Ramp:	1s, 2s, 5s
Cycle Time:	Continuous, 10/10, 10/20, 10/30, 10/50, Custom
Treatment Time:	1 - 60 minutes

HIGH VOLT PULSED CURRENT (HVPC)

Frequency:	1 - 120 Hz
Polarity:	Positive or Negative
Phase Duration:	100 μ sec
Pulse Amplitude:	CV: 0 - 500 V
Ramp:	1s, 2s, 5s
Treatment Time:	1-60 minutes

TECHNICAL SPECIFICATIONS

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Number of Channels:	Four, Isolated
Treatment Time:	1-60 min, adjustable
Power Supply:	100-240 VAC, 50-60 Hz
Dimensions (L x W x H):	11.25" x 7.75" x 9.5"
Weight:	5 lbs.
UPC:	092237615225

SHIPPING SPECIFICATIONS

Ship Dimensions:	14.5" x 13" x 13"
Ship Weight:	6 lbs.



Distributed By:



Toll Free: 1.800.821.9319
www.ncmedical.com

Item #	Description	Qty
NC89472	InTENSity™ EX4 Clinical Multifunction Electrotherapy System	each
NC89472-C	InTENSity™ EX4 Clinical Multifunction Electrotherapy System with Therapy Cart	each

** Prescription Required: This is a Class II Medical Device. Federal law restricts these devices to sale by or on the order of a licensed health care professional. Providers are responsible for determining appropriate billing codes for Medicare Program claims. This information is included for your convenience and is not intended, nor should it be considered billing advice.