



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.

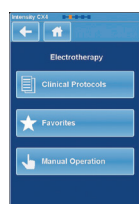
Equipped with a menu-driven color touch screen interface that intuitively groups and displays clinical protocols, guiding clinicians step-by-step to ensure the ideal therapeutic treatment. A few simple key presses are all that is needed to quick-start a treatment. Parameters can be easily selected and 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

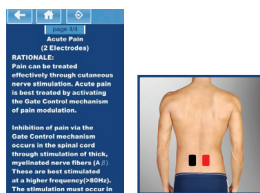
In addition, the **InTENSity™ EX4** offers a comprehensive library with treatment education and suggested electrode placement for better treatment outcome and improved clinic efficiency.



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 (13-3399) 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.



Item #	Description	Qty
13-3371	InTENSity™ EX4 Clinical Multifunction Electrotherapy System	each
13-3372	InTENSity™ EX4 Clinical Multifunction Electrotherapy System with Therapy Cart	each
13-3399	InTENSity™ Professional Series Cart	each