

Intellect® Portable Electrotherapy

Long known for innovative clinical electrotherapy, Chattanooga offers you a full line of portable electrotherapy products with Intellect TENS units, Intellect NMES (Neuromuscular Electrical Stimulation) and Intellect IFC (Interferential Current) units. Treat multiple patient needs from pain management to the prevention or retardation of disuse muscle atrophy. All devices come with lead wires, 9-volt battery, DURA-STICK® II Self-Adhesive Electrodes and a convenient carrying case.

Intellect TENS

HCPCS E0720, HCPCS E0730*

- Dual Independent Channels
- Adjustable Timer on Standard and Digital units
- Adjustable Frequency and Pulse Duration parameters
- Basic and Standard units feature three modes: Burst, Normal and Modulation
- Digital unit features five modes: Burst, Normal, Modulated Rate and Width, Strength Duration and Bi-Pulse
- Digital unit has easy-to-read LCD display and convenient digital controls



77710 – Intellect TENS Basic

77600 – Intellect TENS Standard



77712 – Intellect TENS Digital

Intellect NMES

HCPCS E0745†

- Dual Independent Channels
- Adjustable Pulse Amplitude, Pulse Frequency and Contraction/Relaxation Time parameters
- Digital unit features
 - » Adjustable Pulse Width and Timer parameters
 - » Three stim modes: Synchronous, Constant and Alternate
 - » Easy-to-read LCD display and convenient digital controls



77715 – Intellect NMES Standard



77717 – Intellect NMES Digital

Intellect IFC

- Dual Channel, Manual Selection for two or four Electrodes
- Adjustable Pulse Amplitude, Interference Frequency and Difference Frequency parameters
- Four stimulation modes (frequency shifts): Continuous, 1/1, 8/8 and 10/10 Ramped
- Includes 120V AC line cord adapter
- Sliding cover for controls and battery

77719 – Intellect IFC Portable



Portable Electrotherapy Accessories

Batteries (not shown)

- 77609 – Rechargeable NiCd 9-volt Battery
- 77610 – Battery Recharger

Lead Wires (not shown)

HCPCS A4595†

- 77593 – Lead Wire, TENS 360° Pivot, Unshielded Connector (Pair)
- 77594 – Lead Wire, TENS 360° Pivot, Shielded Connector (Pair)
- 77595 – Lead Wire, TENS Non-Pivot, Shielded Connector (Pair)

Technical Specifications

TENS Basic & TENS Standard

Channel: Dual, isolated
 Waveform: Asymmetric biphasic square pulse
 Pulse Amplitude: 0-80 mA each channel adjustable (500 ohm load)
 Pulse Width: 60-250µ sec. adjustable
 Pulse Frequency: 2-150 Hz adjustable
 Dimensions: 1.2" x 2.4" x 3.6" (30 x 62 x 91 mm)
 Weight: 4.4 oz (126 g)
 Safety Tests: EN 60601-1, EN 60601-1-2, EN 60601-2-10

TENS Digital

Channel: Dual, isolated
 Waveform: Asymmetric biphasic square pulse
 Pulse Amplitude: 0-80 mA each channel adjustable (500 ohm load)
 Pulse Width: 50-300µ sec. adjustable
 Pulse Frequency: 2-150 Hz adjustable
 Dimensions: 1.2" x 2.4" x 4" (30 x 62 x 101 mm)
 Weight: 4.4 oz (126 g)
 Safety Tests: EN 60601-1, EN 60601-1-2, EN 60601-2-10

NMES Standard

Channel: Dual, isolated
 Waveform: Asymmetric biphasic square pulse
 Pulse Amplitude: 0-80 mA each channel adjustable (500 ohm load)
 Pulse Width: Fixed 250µ sec.
 Pulse Frequency: 5, 30, 100 Hz
 Dimensions: 1" x 2.4" x 3.6" (26 x 62 x 91 mm)
 Weight: 4.4 oz (126 g)
 Safety Tests: EN 60601-1, EN 60601-2, EN 60601-2-10

NMES Digital

Channel: Dual, isolated
 Waveform: Asymmetric biphasic square pulse
 Pulse Amplitude: 0-80 mA each channel adjustable (500 ohm load)
 Pulse Width: 50-300µ sec. adjustable
 Pulse Frequency: 2-120 Hz, adjustable
 Dimensions: 1.2" x 2.3" x 4" (30 x 59 x 101 mm)
 Weight: 4.4 oz (124 g)
 Safety Tests: EN 60601-1, EN 60601-1-2, EN 60601-2-10

IFC

Channel: Single for 2 pole or Dual for 4 pole
 Waveform: Symmetric biphasic square
 Pulse Amplitude: 0-32 mA, adjustable (at 500 ohm load)
 Pulse Width: 125µ sec/phase
 Pulse Frequency: 4000+/-10% Hz fixed
 Dimensions: 1.3" x 2.5" x 3.7" (33 x 64 x 94 mm)
 Weight: 5.2 oz (140 g)
 Safety Tests: EN 60601-1, EN 60601-1-2, EN 60601-2-10