



Advanced Neuropathy Stimulator

The Ultima Neuro is an Advanced Neuropathy Stimulator that has been designed to treat painful peripheral neuropathy in the hands and feet. The system includes an active garment electrode for the hands or feet and a grounding cuff for ease of application.

The Ultima Neuro is based off of TENS and Micro-current therapy settings, however, goes beyond TENS by narrowing the output parameters to target the relief of peripheral neuropathy. Unlike a basic TENS stimulator, the Ultima Neuro signals are more advanced and precise with an auto-feedback loop that allows the Neuro to regulate the voltage based current on different tissue masses.

This auto adjustability helps tempo treatments to the individuals needs (i.e. impedance of tissue mass). Moreover, the Neuro cycles through two treatment modes, Neuro A and Neuro B. The Neuro B is a monophasic waveform that is typically associated with pushing and moving fluids – which is a particularly effective wave form in treating pain associated from Neuropathy.

The Ultima Neuro is an effective, drug free, non-surgical solution to the relief of early onset Neuropathy pain. The Ultima Neuro is PDAC approved and Medicare coded as HCPCS E0730. In addition, the conductive garments are covered under HCPCS E0731.

Program (Neuro A)	
Voltage	Pos 0-36V, Neg 0-6V
Peak Current to 500Ω load, Pos or Neg	Pos 0-72mA Neg 0-12mA
Max Avg Current to 500Ω load, Pos or Neg	Pos 1.692mA Neg 1.692mA(Net Zero)
Pulse Width	Pos 250uS, Neg 1.5mS
Frequency	94Hz
Waveform	Asymmetrical Bi-phasic rectangular; Biphasic Rectangular
Modulations	Burst 5sec on/off Ramp 0.5sec on, 0.25sec off
%On Time Calculated – SG	Pos 2.35%(on) Neg 14.1%(on)
Peak charge per pulse to 500Ω load	Pos 18.0 uC Neg 18.0 uC(Net Zero)

Program (Neuro B)	
Voltage	Pos 0-10V
Peak Current to 500Ω load, Pos or Neg	Pos 0-10mA
Max Avg Current to 500Ω load, Pos or Neg	Pos 2.0mA
Pulse Width	2.1mS
Frequency	94Hz
Waveform	Monophasic rectangular Positive Rectangular
Modulations	Constant
%On Time Calculated – SG	20%
Peak charge per pulse to 1kΩ load	Pos 21 uC

*The Ultima Neuro also includes a full functioning TENS program

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Ultima Neuro	1	Uneuro	E0730
Neuro Sock	1	Esock	E0731
Neuro Glove	1	Eglove	E0731
Neuro Ground Cuff	1	Ecuff	E0731
Ultima Neuro 1 Kit W/1 Cond Sock 1, Ground Cuff & Spray	1	UneuroS1	E0720 & E0731
Ultima Neuro 2 Kit W/2 Cond Sock, 2 Ground Cuff & Spray	1	UneuroS2	E0720 & E0731
Ultima Neuro 1 Kit W/1 Cond Glove, 1 Ground Sleeve & Spray	1	UneuroG1	E0731
Ultima Neuro 1 Kit W/1 Cond Glove, 2 Ground Cuff & Spray	1	UneuroG2	E0731

