



Advanced Multi-Mode Stimulator

The Ultima Neo is an Advanced multi-mode electrotherapy stimulator that combines enhanced TENS, EMS, Interferential, and Microcurrent all-in-one. It is a dual channel device and includes the function of our most advanced TENS and EMS modes with body part diagrams, as well as an advanced Interferential device with sine wave technology, and a very state-of-the-art Microcurrent mode.

Best of all, the Ultima Neo operates on an ultra-sleek, high capacity lithium ion battery which allows the user to use the Interferential function without being tethered to the wall, as well as long battery runs on the TENS/EMS and Micro modes. A charging system and universal lead wires are included.

Product code: UNEO

Warranty – 1-year, no-questions-asked warranty against all mechanical defects.

Controls/Settings

NEO TENS:

Ch1 intensity: Up/down 20 steps of 5mA, 5.0 to 100mA into 1K Ω (Peak value at pulse width=200 μ s)

Ch2 intensity: Up/down 20 steps of 5mA, 5.0 to 100mA into 1K Ω (Peak value at pulse width=200 μ s)

Frequency (Hz): From 1Hz to 150Hz in steps of 1Hz

Pulse width(uS): 50,60,70,80,90
100,110,120,130,140
150,160,170,180,190
200,210,220,230,240
250,300

Waveform: Symmetrical bi-phasic rectangular
Asymmetrical bi-phasic rectangular
Mono-phasic

Treatment timer: Continuous,15,30,45,60,90min



NEO EMS:

Ch1 intensity: Up/down 20 steps of 5mA, 5.0 to 100mA into 1K Ω (Peak value at pulse width=200 μ s)

Ch2 intensity: Up/down 20 steps of 5mA, 5.0 to 100mA into 1K Ω (Peak value at pulse width=200 μ s)

Frequency (Hz): From 1Hz to 110Hz in steps of 1Hz

Pulse width(uS): 50-400 μ s in steps of 50 μ s

Waveform: Symmetrical bi-phasic rectangular
Alternated bi-phasic rectangular

Ramp Time: 0-5s in steps of 1s

On time: 1-60s in steps of 1s

Off time: 0-60s in steps of 1s

Treatment timer: Continuous, 10,20, 30,45,60,90min

NEO MICRO:

Ch1 intensity:

Micro 1: (Neuro A), From 2.0mA to 72mA into 500 Ω (Peak value at pulse width=250 μ s) in steps of 2.0mA

Micro 2: (Neuro B), From 0.1mA to 10mA into 1k Ω (Peak value at pulse width=2.1ms) in steps of 0.1mA

Ch2 intensity:

Micro 1: (Neuro A), From 2.0mA to 72mA into 500 Ω (Peak value at pulse width=250 μ s) in steps of 2.0mA

Micro 2: (Neuro B), From 0.1mA to 10mA into 1k Ω (Peak value at pulse width=2.1ms) in steps of 0.1mA

Frequency (Hz): Fixed 94Hz

Pulse width(uS): Micro 1: Fixed 250 μ s
Micro 2: Fixed 2100 μ s

Waveform: Asymmetrical bi-phasic rectangular
Monophasic Positive Rectangular

Treatment timer: Continuous, 10,20,30,45,60,90min

NEO IFT:

Ch1 intensity: Up/down 30 steps of 60mA, from 2.0mA to 60mA into 500 Ω

Ch2 intensity: Up/down 30 steps of 60mA, from 2.0mA to 60mA into 500 Ω

Frequency (Hz): From 4004Hz to 4160Hz in steps of 4Hz

Pulse width(uS): 125 Microseconds for each phase

Waveform: Symmetrical balanced Sine wave

Treatment timer: Continuous, 10,20,30,45,60,90min

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