

## SPECIFICATION

**Model:** Ultima Neuro  
**Channel:** Dual  
**Output:** Maximum 72 mA (peak value)  
           Across 500 Ohm load  
**Pulse Width:** 250 $\mu$ s, 2.1ms, 2.9ms, 5ms  
**Pulse rate:** 8Hz, 40Hz, 94Hz  
**Waveform:** Symmetrical Bi-phasic rectangular  
               Monophasic rectangular  
**Treatment Timer:** 20min / 35min  
**Mode:** 1 main program consists of  
           4 sub-programs

<b>Sub-program</b>	<b>Treatment Time</b>	
Neuro A	4min	7min
Neuro A1	4min	8min
Neuro B	6min	10min
Neuro B1	6min	10min

### Neuro A/A1 – Neuro B/B1

Neuro A/A1	
Voltage	Pos 0-36V, Neg 0-36V
Peak Current to 500 $\Omega$ load, Pos or Neg	Pos 0-72mA Neg 0-72mA
Max Avg Current to 500 $\Omega$ load, Pos or Neg	Pos 1.692mA Neg 1.692mA
Pulse Width	250 $\mu$ s/2.9ms(A/A1)

Frequency	94Hz/8Hz(A/A1)
Waveform	Symmetrical Bi-phasic rectangular
Modulations	Burst 5sec on/off, Ramp 0.5sec on, 0.25sec off
%On Time Calculated – SG	Pos 2.35%(on) Neg 2.35%(on)
Peak charge per pulse to 500 $\Omega$ load	Pos 18.0 $\mu$ C Neg 18.0 $\mu$ C

Neuro B/B1	
Voltage	0-20V
Peak Current to 1k $\Omega$ load, Pos or Neg	0-20MA
Max Avg Current to 1k $\Omega$ load, Pos or Neg	Pos 2.4mA
Pulse Width	2.1ms/5ms(B/B1)
Frequency	94Hz/40Hz(B/B1)
Waveform	Monophasic rectangular Positive Rectangular
Modulations	Constant
%On Time Calculated -	20%
Peak charge per pulse to 1k $\Omega$ load	Pos 25.5 $\mu$ C