

# Product Detail Sheet

**NeuroMed**

*Electroanalgesic Delivery System*

## **MATRIX System™** *software version 1/1.0*



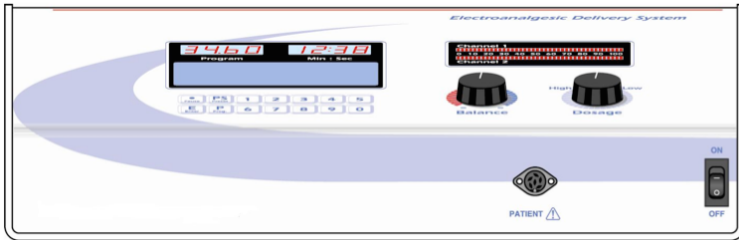
We sought the input of experienced medical practitioners and combined their ideas with advanced technology, resulting in a carefully planned and state-of-the-art medical pain management system designed for physicians. This advanced pain management system is user friendly and is programmed to deliver the precise dosage to treat your pain patients with the push of a button. Dynamic medical specialties, like Clinical Pain Management, have seen a significant change in their therapeutic approach over the past decade.

The NeuroMed Electroanalgesic Delivery System with the **MATRIX System software version 1/1.0**, physicians can successfully treat a multitude of medical conditions, resulting in the most advanced state-of-the-art pain management system. With the ability to select from **40 of the most advanced technology programs** using specific pre-programmed software algorithms to bioelectrically trigger 3 different physiological mechanisms of actions. Frequency ranges from **.01-250 pps**, (with the ability to effect the nerves by **stimulating** or **facilitating**), but also using a High Definition frequency generator (**HDfg**)™ that can produce much higher frequencies (or pulses per second) from **5,000 pps, 8,300 pps** to as high as **10,000 pps** to **inhibit** (interrupt) the pain signals.

### **CLINICAL BENEFITS**

- ❖ Non-toxic, safe, and effective with minimal side effects and high patient compliance and satisfaction.

**Caution:** "Federal law restricts this device to sale by or on the order of a practitioner licensed by the law of the State in which he/she practices to use or order the use of the device."



**Dimensions:**

NeuroMed Device      Height 5.5" / Width 17.625" / Depth 11.5"

**Net weight:**

NeuroMed Device      9 lbs

**Environmental Conditions:**

Operating:	Temperature Range	40 – 100 F
	Relative Humidity	30% – 90%
Transport & Storage:	Temperature Range	35 – 160 C
	Relative Humidity	10% – 95%

**Technical Data:**

**Output Specification:**

Maximum voltage in each patient circuit:  
**150 V peak – to – peak**

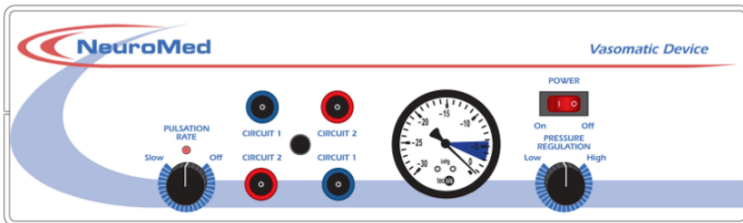
Waveform Beat Frequencies ranges:  
**0.1 – 250**

Current Waveform Type:  
**Constant voltage sinusoidal alternating current**

Frequency accuracy:  
**Better than +/- 1%**

Waveform Pulse Frequencies ranges:  
**5,000 Hz**  
**5,000 Hz - 5,250 Hz**  
**8,300 Hz**  
**10,000 Hz**

Current Delivery Modes:  
**2 -Pole / Electrodes**  
**4- Pole / Electrodes**



**Dimensions:**

NeuroMed Device      Height 5.5" / Width 17.75" / Depth 11.375"

**Net weight:**

NeuroMed Device      14 lbs

**Technical Data:**

**Vacuum:**

Variable between 0 and 20 inch Hg.  
Continues or pulsed operation at 15 to 60 pulses per minute.

**Main Power Supply Requirement:**

Voltage:	110 – 120 Volts AC
Frequency	60 Hz
Power consumption	115 VA Nominal

**MAINS TRANSFORMER:**

Current rating:	22.4 Amps
Primary voltage:	115 Volts AC
Secondary voltages:	24 Volts C.T.



**NeuroMed**  
[www.NeuroMedinc.com](http://www.NeuroMedinc.com)