

# Neuroscope 230

Personal "Home Care" unit for treatment of neurological disorders that cause stress, sleep deprivation, and anxiety.

The Neuroscope is a valuable tool in today's fast paced world; a beneficial personal treatment device for the busy person on-the-go. Its function is primarily for patient self-application and to supplement clinical Electro-Acuscope and Myopulse Therapy for those whose condition requires extended rehabilitation at home to support and prolong the benefits of an office visit.



The Neuroscope 230 is especially effective in treating the physical symptoms of stress, relieving nervous anxiety, addressing the causes of sleep disorders; and may be used for relief from certain chronic pain issues such as tension headaches. The Neuroscope engages the patient in effective self-care activity which can have profound psychological impact.

This instrument was developed for use as Cranial Electrotherapy Stimulation (CES) for neurological benefits and the psychological relief when pain is reduced. Cranial Electrotherapy is known to be effective in alleviating physiological symptoms of anxiety, depression and insomnia. It has also been used within a treatment regime for migraine headaches, and has been found to be beneficial as an adjunctive measure during drug withdrawal and alcohol rehabilitation. It has been found to help improve nerve conduction, to enhance nervous system circulation, and to promote the "relaxation response." While traveling, especially through wide-ranging time zones, the Neuroscope is an excellent tool when used to reduce or eliminate "jet lag." It is thought to reestablish circadian rhythms to normal cycles, and help restore overall energy balance, thereby promoting mental clarity.

The Neuroscope 230 provides a comfortable, convenient and reliable method of administering gentle micro-currents in impedance controlled trans-cerebral stimulation. A prescription for TENS (Transcutaneous Electro-Neural Stimulation) is required for patient home use.

## NEUROSCOPE 230

### Specifications and Controls:

Power ON switch: depress to turn on power; leave in OFF position to charge the battery

Power ON LED indicator: light is constant when power is ON; flashes when treatment cycle is engaged

Low battery LED indicator illuminates when battery voltage drops to a preset level indicating need to charge

Frequency Selection: 0.5, 4.6, 8.2, 12.8 Hz.

Timer: 5, 15 minutes and Continuous

Intensity: 25, 100, 300, 400 uA.

Output: Complex Wave Form, Modulated Square Wave Envelope

Frequency Modulated Pulse train with Alternating Current Polarity each 1.5 seconds.

Power supply: 8.4 V NiCd. Battery

### Warantee:

Replacement of battery and recalibration and/or repair by Biomedical Design Instruments factory only in order to retain manufacturer's one year warantee of parts.

### Included Accessories:

- 1 Jar Conductive Electrolyte solution – CEL-0144
- 1 Rubberized Head band with clip-on wires
- 1 Set Ear Clip Electrodes
- 1" x 1" Brass Placement Electrodes with banana plug attachment wires
- Charging Module



### Recommended Brass Cleaning Solution:

- Window Wax (use with ordinary washcloth or towel) available from [www.the5and10.com](http://www.the5and10.com)



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