

## ORDERING INFORMATION

### Chattanooga Ionto Device Kit

**1335 – Chattanooga Ionto Device Kit**  
Packaged Unit Includes: Chattanooga Ionto device, one set of lead wires, 9V battery, operations manual, soft-sided carrying bag

## TECHNICAL SPECIFICATIONS

**Output Specs:**  $\pm 15\%$  unless noted  
**Current Range:** 0.5 - 4mA  $\pm 10\%$  at 100 to 12k ohm load  
**Dose Range:** 0 to 160mA/minute  
**Dose Accuracy:**  $\pm 2$ mA/minute  
**Ramp Up/Ramp Down:** 30 seconds  
**Battery:** 9V Alkaline  
**Dimensions:** (W x L x H) 6 x 2 x 9 cm  
**Medium Capacity:** Off to 6 Seconds; on/off  
**Weight:** 77g  
**Safety Tests:** EN60601-1-2

## EMG-EZ

### 4120 – EMG-EZ Unit

Packaged Unit Includes: EMG sensor cable, Dura-Stick 6cm round electrodes (4x), earphones, user manual / Quick Start Guide on CD, 9 volt battery, carrying case, wrist strap, and belt clip

#### Optional Accessories

**41015** – EMG-EZ Sensor Extender Cable 450 mm (17.7")

**77702** – EMG Lead/Probe Pin Extension Adaptors (not shown)

**77706** – EMG Lead/Electrodes Snap Extension Adaptors (not shown)

**77725** – EMG Intravaginal Probe

**42140** – DURA-STICK® EMG 3 cm x 3 cm square electrodes strips (50 strips/bag)

**42109** – DURA-STICK EMG 6 cm round electrodes (100 electrodes /bag)

## TECHNICAL SPECIFICATIONS

**Input Impedance:** 1,000,000 Mega Ohms  
**Channel Bandwidth (Wide):** 20 Hz ( $\pm 5$  Hz) - 500 Hz ( $\pm 50$  Hz)  
**Channel Bandwidth (Narrow):** 100 Hz ( $\pm 10$  Hz) - 200 Hz ( $\pm 20$  Hz)  
**Signal Output Range:** 0 V - 2 V  
**Accuracy:**  $\pm 5\%$  and  $\pm 0.3$  mV  
**Supply Voltage:** 7.4 V - 9.6 V  
**Weight:** 73 g (2.5 oz)  
**Dimensions:** 61 mm x 112 mm x 25mm (2.4" x 4.4" x 1")  
**Electrical Safety Class:** Type BF

## CHATTANOOGA IONTO

Iontophoresis, a transdermal method of delivering medication via an electrical field, is a non-invasive technique providing the perfect alternative to injection or pills. This type of drug delivery system accelerates water-soluble drug ions into a localized region under the skin through the application of Direct Current.

## CHATTANOOGA IONTO DEVICE

- Independently controlled 2 channel device: treat two sites at once, deliver two different medications to one site, or treat a large surface area
- Precise delivery dosage with constant direct current stimulation, regardless of skin impedance
- Easy set-up by dosage
- Automatically calculates time based on individual patient settings
- Automatically adjusts for intensity changes during treatment
- Patient comfort considered with automatic 30 second ramp up and down of current intensity at the power on/off setting
- Previous dosage recall



## EMG-EZ®

EMG-EZ is a portable, single channel surface EMG device that offers three sensitivity ranges for muscle strengthening, re-education, or rehabilitation. This accurate, easy to use device is ideal for the clinic or home.

- Wide and narrow filters provide precise monitoring of normal and fatiguing muscles and eliminate EKG artifact
- Highly sensitive active sensor needs no skin preparation to locate muscle sites quickly
- Two modes of biofeedback -visual LED and 5-way audible tone



Sensor Head & Electrode



### DURA-STICK EMG Electrodes

Constructed of silver-silver chloride and constructed with one reference and two active points.



### EMG Intravaginal Probes

Provides precise assessment of muscle activity.

