



Electrotherapy Equipment Used At Our Facility

Rich-Mar Dial and Button Controlled 2 Channel Stimulator and Ultrasound Combination Unit.



- **Ultrasound** has 2cm² and 5cm² soundheads on single, 4-in-1 “Therapy Hammer” transducer. Both 2cm² and 5cm² soundheads can output both 1 & 3 MHz frequencies. Can use the ultrasound while stimulation treatments are running.
- Maximum BNR of 5.5:1 with guaranteed BNR <3.5:1 available.
- Control dial and easy touch buttons with LED indicators easily control the 4 Channel Stimulator and Ultrasound Combination Unit for quick and simple use.
- Winner CM2 has up to 25 nameable, programmable Therapy Profiles for customized treatments that can be entered and even named using the Therapy Profiler to meet the facility’s needs allowing for quick and easy treatment setup by the whole staff.
- Therapy Profiles can be selected to run in either Easy Profile mode or Advanced Profile mode.
- **Stimulator** has two totally independent stimulation channels that can actually output four completely different waveforms and or treatments all at the same time. Can even use ultrasound separately while all four stimulation channels are running.
- Pulse rate options include High scan, Low scan, High-Low scan and Fixed rates.
- Can adjust pulse rates and many other parameters during the treatment.
- Microprocessor controlled 5 Stimulation Waveforms
- Waveforms available on *both channels* include:
 - **Quadripolar IFC** (5,000 Hz carrier frequency with Normal Modes)
 - **Pre--Mod IFC** (5000 Hz carrier frequency with Normal, Surge, Co-Cont, and Alt Modes)
 - **Hi--Volt** (High Volt Pulsed Current twin square wave, with Normal, Surge, Co-Cont, and Alt Modes)
 - **Russian** (2500 Hz carrier frequency with Normal, Surge, Co-Cont, and Alt Modes)
 - **Microcurrent** (.3 to 1000 Hz pulse rate in Normal Mode)
- Quad IFC has balancing feature allowing for treatment sensation focusing.
- IFC treatments have Vector massaging feature that can be turned on or off.
- Six different timing on/off modes available: 10 sec/50 sec, 10/30, 10/20, 10/10, 5/10, 5/5
- Unique channel buttons allowing for easy identification of Active treatments, real-time on or off time output and displayed parameters.

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- Combination ultrasound and stimulation treatments can be used together or independently from each at the same time.
- Patient safety features include patient isolating safety loads to protect the patient from electrical shock due to power surges or equipment malfunction.

North Coast Digital Tens Unit Model DT100



- **Digital Tens Unit -Model DT100** Digital control panel for easy operation. Eco-Stim DT100 TENS Unit is a portable digital device for pain treatment. The easy-to-read LCD displays mode, battery indicator, channel output, pulse rate and width. The DT100 has a patient compliance timer records both individual time use, frequency, and the cumulative time that the device has been used.

Empi Focus Neuromuscular Stimulator (NMES)



Important features include:

- A broad selection of parameter options to tailor a program to an individual patient's needs.
- FOCUS allows the clinician to create very aggressive programs for patients who can tolerate them, such as trained athletes
- Very conservative programs can be designed for those patients who are apt to fatigue easily (such as post-CVA)
- Customized pre-programmed regimens that have been clinically devised for specific applications.

Specifications:

- Adjustable rate: 25, 35, or 50 pulses per second to achieve and efficient, tetanized contraction without excessive muscle fatigue.
- Timed treatment option to run set program or preprogrammed regimen for 15 to 30 minutes.
- Choice of symmetrical or asymmetrical biphasic waveforms for comfortable stimulation of both large and small muscle groups.
- Wide range of ON and OFF times for flexibility in setting duty cycles.
- Choice of maximum output: 60 milliamperes for sensitive patients; 100 milliamperes for patients who need higher output.
- External triggering capability.

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- Small, compact size for convenient patient use outside the clinic. Weighs only 4.6 ounces (including 9 volt battery).
- Dual position belt clip can be placed either vertically or horizontally for patient convenience.

North Coast Digital Electronic Muscle Stimulator Model DS100



- Portable, compact design is easy to use anywhere. The DS100 is a digital device for muscle exercise and treatment of sport injury. Through a series of stimulated contraction and relaxation phases will enable users to build, tone and strengthen muscles. Features a patient compliance timer that records individual use time, frequency and the cumulative time that the device has been used.

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