

Nu-Tek Ultrasound Combined with Electrical Stimulation



Nu-Tek ComboRehab² CT2200 PRO Electrotherapy



Ultrasound therapy + electrotherapy device

ComboRehab² CT2200 is equipped with a large 7 inch LCD screen, it provide more convenient operation for physiotherapist. It supports multiple models, that allows electro stimulation only, ultrasound only or a combine both modalities. The innovative design of CT2200 allows for expansion with a vacuum module, electro-stimulation module, or a battery module.

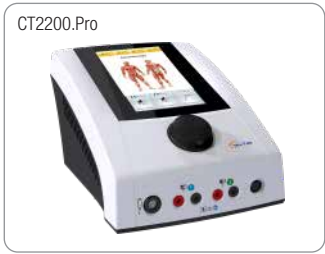
Features

- 7" touch screen with sharp colors for easy and clear control
- Compact design with lightweight for comfort and ease of use
- Waterproof ultrasound head at IPX7 rating, suitable for underwater therapy
- Ultrasound applicator with screen display
- 1 & 3 MHz dual frequency ultrasound
- Pulsed and continuous ultrasound duty cycles
- 2 independent electrotherapy channels
- Comprehensive of varied electrical stimulation waveforms
- A maximum of 60 custom protocols can be stored
- 141 suggested Protocols are provided for guidance
- Optional vacuum module
- Optional battery module
- Optional electro-stimulation module

Order Information

ComboRehab² CT2200

Part No.	Description
CT2200.Pro	CT2200.Pro Main unit



Standard Accessories

Part No.	Description
ACC010C400	Patient Interrupt Switch
ACC010B300	Power Cord EU plug
AC5515.200	5cm ² Ultrasound applicator
ACC020C100	Rubber Electrodes(60*90mm) x2
ACC020C101	Rubber Electrodes(70*110mm) x2
ACC020C400	Electrode Sponges(70*100mm) x2
ACC020C401	Electrode Sponges(80*120mm) x2
ACC020C000	Self-adhesive Electrodes(50*50mm) x4
ACC020C001	Self-adhesive Electrodes(50*100mm) x4
ACC020C300	Fixation Strap(75*1200mm)
ACC020C301	Fixation Strap(75*600mm)
ACC010C013	Stim Lead Wires(Blue)
ACC010C014	Stim Lead Wires(Green)
ACC010C100	Combo Lead Wire
CT2200B100	User Manual (USB Driver)



Optional Accessories

Part No.	Description
AC5516.200	1cm ² Ultrasound applicator
CART200.301	CartRehab

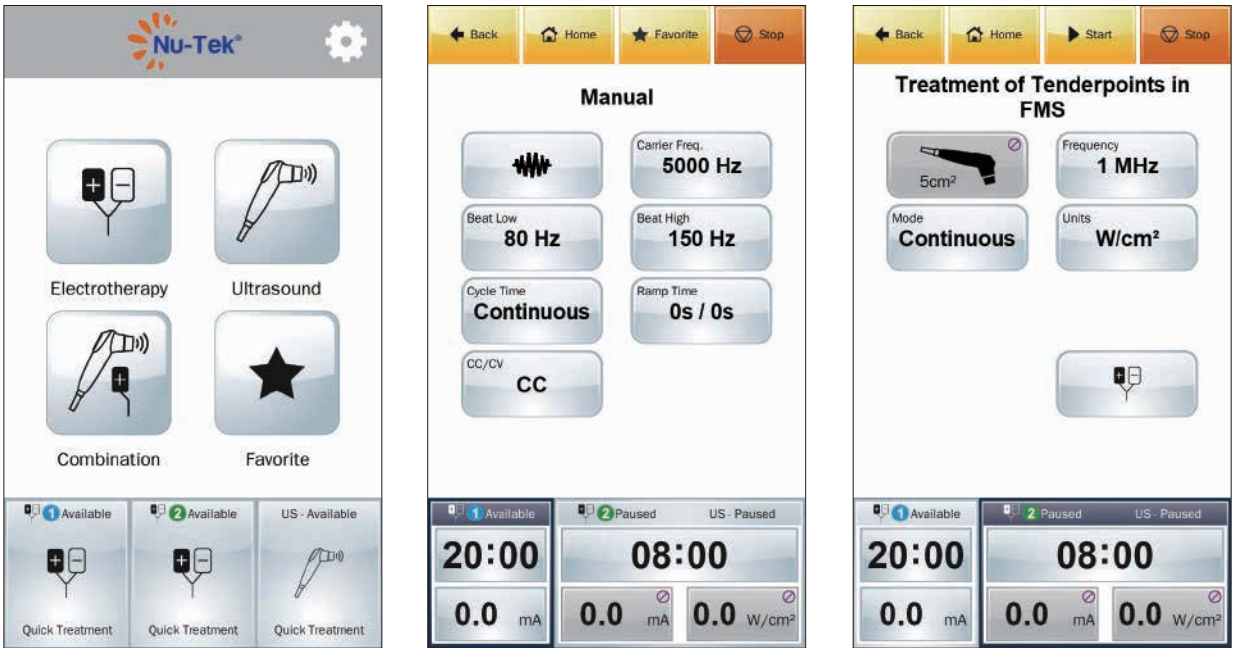


Technical Specification	
Power	100-240 AC, 50-60 Hz
Dimensions (WxDxH)	197x285x158 mm (main unit)
Interface	7" touch screen
Weight	2.1 kgs (main unit)

Electrotherapy	
Output Channel	2 independent channels
Current types	50
Pre-set suggestions(protocols)	94
Custom protocols	60

Ultrasound Therapy	
Frequency	1Mhz, 3Mhz
Modes	Pulse, continuous
Duty factor	10-100%, stepping 10%
Pulse duration	0.67-90ms
ERA (Effective Radiation Area)	5cm ² , 1cm ²
BNR (Beam Non-uniformity Ratio)	< 5:1
Modular frequency	10-150Hz
Max. Intensity	2W/cm ² in continuous mode, 3W/cm ² in pulse mode
Pre-set suggestions(protocols)	45
Custom protocols	60
Number of US connections	1

Interface



Innovative ultrasound applicator

Large screen display for 4 indications:

- Motion speed detection
- Coupling detection
- Temperature detection
- Treatment time display

These features allow physiotherapists provide better and safer treatment to patients.



Energy Distribution Map

At the end of treatment, it will give you an energy distribution map on the screen, which indicating the dose of ultrasound that applied in each area. You can see the target tissue gains good energy or not.



Large choice of current

- | | |
|------------------|-------------------|
| IFC-4P (5) | Microcurrent (4) |
| IFC-2P | Diadynamic (5) |
| NMES (2) | Galvanic (2) |
| TENS (8) | S/D Curve (2) |
| PEMS (2) | PSES |
| High Voltage (2) | IG (4) |
| Faradic (3) | Pulses (6) |
| Russian | Iontophoresis (2) |

