PC ECTON

Windows based Electroconvulsive (ECT)



ELECTROCONVULSIVE THERAPY

- Dual operating modes- Brief Pulse mode & Sine Wave mode
- Alphanumeric LCD display
- Easy to clean feather touch keypad
- EEG, ECG & EMG monitoring
- Session wise records are saved for each patient
- View / Edit / Delete any session at any time
- Search facility for Patient's Database
- Automatic Calculation of Convulsion
- Heart Rate Variability
- Event Marking
- Automatic Report Generation
- Time Measurement Tool
- Peak to Peak Measurement Tool
- Heart Rate Measurement Tool
- Selectable Filters, Sensitivity, Deflection & Channel Color
- Raster and Continuous Viewing of Waveforms

PC ECTON - Technical Specifications

No. of Channels	3 Channels (EEG, ECG & EMG)
CMRR	>90 dB
A/D Resolution	12 Bits Unipolar
Low-Pass Fq. (Hz)	DC, 0.1, 0.3, 0.5, 1, 3, 5, 7, 10
High-Pass Fq. (Hz)	0.1, 0.3, 0.5, 2, 10, 15, 35, 70, 99
Sensitivity (μV)	1, 2, 3, 5, 7.5, 10, 15, 20, 30, 50, 75, 100, 200, 300, 500, 750, 1000, 1500
Sampling Rate	256
Interface	RS-232

BRIEF PULSE MODE

Frequency, Duration, Pulse Width, Current Selectable by user. Energy Automatically Calculated by the micro computer

Type	Bidirectional square wave
Frequency	Selectable 10Hz - 140Hz in 15 steps of 10Hz each
Pulse Width	Selectable 0.10 mS - 2.0 mS in 20 steps of 0.1mS each
Duration	Selectable from 0.10 Secs to 5 Secs in 50 steps of 0.10 secs each.
Current	500 mA - 800 mA in 7 steps of 50 mA each.
Energy	Energy is delivered according to the head Impedance.

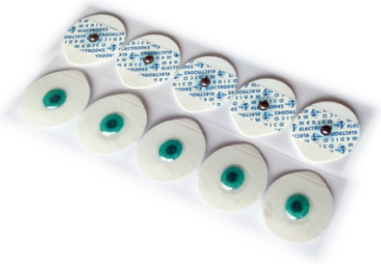
COMPUTER CONFIGURATION

OS: Windows 10 Professional (32/64bit) or higher, Processor: Intel i3 10th Generation 2.5 GHz or higher, Hard Disk 500 GB or higher, RAM 4GB or higher, USB Port/Serial Port, CD/DVD Optical Drive and High Resolution LED/TFT

STANDARD ACCESSORIES

Component	Quantity
Head Band	1 No.
Conductive Jelly	1 Bottle
Earthing Cord	1 No.
Dust Cover	1 No.
Instruction Manual	1 No.











Remote Service Program

Online technical support is available from RMS Head Office. Customer has to provide internet connection.

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation

Certified ISO 9001:2015, EN ISO 13485:2016 company CE

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