



8 CHANNEL DIGITAL PHYSIOGRAPH

- · Compact, light weight and portable with carry handle
- High resolution in-bulit 7" (15.5 x 9.5cm) color TFT display
- Color monitor TFT display 21" with desktop computer
- Facility to store recording data and review the same on TFT
- Inbuilt stimulator
- Freeze option
- Coupler: Biopotential, ECG, Strain Gage, Pulse Respiration, Temperature and Isotonic
- Transducers: Pulse, Respiration (Belt Type), Temperature, GSR, Phonocardiogram, EMG,
 Pressure, Volume, Force, Isotonic, SpO2, NIBP, STIM, ECG and EEG
- Interface to the computer through USB
- Software to review and printing the recorder data from PC
- Digital encoder for setting
- Online/Offline Data Transfer Mode to PC Data Transfer Mode to PC
- In-bulit memory with external memory storage facility

Polyrite C - Technical Specification

Sampling Frequency

>256Hz.

Sensitivity

50, 100, 200, 500 μv/cm and 1, 2, 5, 10,

20, 50, 100 mv/cm

Sweep Speed

0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 15, 20, 25,

30, 50, 60 & 100(mm/sec)

CMRR

>80 db

Input Impedance

>1(Mega Ohm)

Digital with enable/disable option 0.1, 0.3, 0.5, 2, 5, 10, 15, 35, 70, 99Hz

Low Pass Filter High Pass Filter

0.1,0.3,0.5,1,3,5,7Hz

Notch Filter Muscle Filter 50 Hz, Off On/Off

A/D Conversion

16 bit

STIMULATOR

Voltage

0-25V

Mode

Auto / Manual

Type

Single / Double / Multiple

Width

0 - 2000 ms

DISPLAY

Display Option

Integrated 7" (15.5 x 9.5cm) colored TFT

Time Marker, Event Marker and Real

Time Clock

COMPUTER CONFIGURATION

OS: Windows 10 Professional 32bit/64bit, Processor: i3 or higher, 4GB RAM or higher, 1TB harddisk or higher, CD/DVD Optical Drive, Color Monitor TFT Screen 21" or higher

15 min/Test

USB Pen drive

Through USB

MEMORY

In-built test storage

Duration

External storage

General

PC connectivity

280 (L) x 370 (W) x 300 (H) mm Dimension

Weight 6.7 kg (approx)

POWER SUPPLY

Input

230V±10%, 50Hz, Single phase AC

supply

Environmental Conditions

Operation

Temperature

5°C to 40°C

Humidity

≤ 80% non condensing

Atmospheric pressure

700 to 1060 hPa

Storage

Temperature

1°C to 50°C

Humidity Atmospheric pressure ≤ 93% non condensing

500 to 1060 hPa



Respiration (belt type)



Volume



GSR



Finger Pulse Sensor



Phonocardiogram



Isotonic

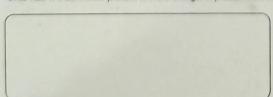


Temperature

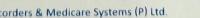


Force

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



Recorders & Medicare Systems (P) Ltd.

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