BPL Medical Technologies

Experience the Compactness

ECG HOLTER

TRAC NEO T1

BPL

Happier Living Everyday

www.bplmedicaltechnologies.com

Enhanced ECG diagnosis made possible with superior trace quality

Protection against Water/Dust
IP27 Level of Protection against Degree of protection against solid foreign objects and harmful Ingress of water

OLED Screen
Real time waveform display provided on OLED Screen (128 X 128)

Compact & Lightweight
Size :76mmx49mm×16 mm,±2mm
Weight: 50g±5g (excluding battery)

Lower Power Consumption
Powered by 1 AAA IEC LR03(1.5v) alkaline battery
24 hours (with sample rate 1024Hz)
144 hours (with sample rate 128Hz)

Pacemaker Detection
Unique multi-channel pacemaker detect circuit effectively prevents wrong detection of pacemaker signal caused by artifacts

10 Electrodes 12 Leads
10-electrode standard lead wires are utilized by the recorder (12-channel) to create a 12-lead ECG signal

Removable micro SD Card
1GB card records upto 24 hours of the 12-lead ECG at 1024 Samples/Sec

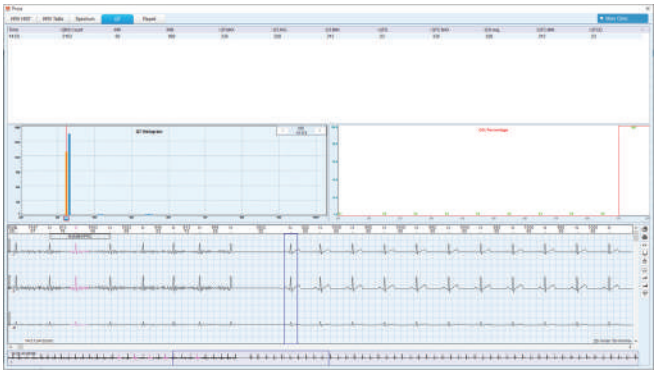
Two optional modes of ECG Data Transfer
Through USB cable connected to PC or MicroSD card Reader

Advanced Features

Atrial Fibrillation/Flutter (A FIB/FLUT) analysis

Heart Rate Turbulence (HRT) analysis

Heart Rate Variability (HRV) analysis



ST Analysis

Spectrum

Holter Software

Data Transfer

- Full disclosure of 24/48/96 hours and 6 days ECG data
- Download data via micro SD card or USB cable

Easy Workflow

- User defined workflow
- Template categorized with color codes
- Morphology Classification
- Group modification and fast editing
- Comprehensive histogram
- ST segment analysis
- User-defined report contents & format

Advanced Analysis

- Advanced Analysis
- Atrial Fibrillation/Flutter (A FIB/FLUT) analysis
- Heart Rate Turbulence (HRT) analysis
- Heart Rate Variability (HRV) analysis
- ST Analysis
- Spectrum

Product Specifications

Performance Specifications	
Channels	12 channels
Recording	Full disclosure, no data compression
Frequency Response	0.05Hz to 60Hz (-3dB)
Input impedance	≥20MΩ
Gain	5mm/mV, 10mm/mV, 20mm/mV, ±5%
CMRR	≥ 100dB
Sample Rate	128, 256, 512 or 1024 samples/second
Minimum Amplitude	50 μVp-p
A/D	8/12/14/16/18 bits
Resolution	2.52uV/LSB
Pacemaker Detection	±2mV ~ ±200mV, 0.1ms ~ 2.0ms
ECG Signal Verification	LCD at hook-up or on demand
Data Transmission	Through USB cable or MicroSD card reader
Input Circuit Current	≤0.1uA
Time Constant	≥3.2s (0, +20%)
Noise	≤50uVpp
DC Offset Voltage	±300mV

Safety Specifications	
Anti-electric-shock type	Internal power supply
Anti-electric-shock degree	Type CF
Degree of protection against solid foreign objects and harmful ingress of water	IP27
Degree of safety of application in the presence of flammable gas	Equipment not suitable for use in the presence of flammable gas
Working mode	Continuous operation

Physical Specifications	
Dimensions	76mm × 49mm × 16 mm, ±2mm
Weight	50 g, ±5g (excluding battery)

Battery Specifications	
Battery type	1 AAA IEC LR03(1.5v) alkaline battery
Battery life	24 hours (with sample rate 1024Hz) 144 hours (with sample rate 128Hz)

Environment Specifications		
Parameter	Transport & Storage	Working
Temperature	-20°C (-4°F) ~ +55°C(+131°F)	+5°C (+41°F) ~ +45°C(+113°F)
Relative Humidity	10%~95% Non-Condensing	10%~95% Non-Condensing
Atmospheric Pressure	70kPa ~106kPa	70kPa~106kPa

*Technical specifications are subject to change

CERTIFIED ISO 13485 : 2016 COMPANY

BPL Medical Technologies Private Limited
Regd. Office: 11th KM, Bannerghatta Road,
Arakere, Bangalore - 560076, India.
Toll Free: 1800-4252355
Website: www.bplmedicaltechnologies.com
For Enquiries: sales.medical@bpl.in
CIN: U33110KA2012PTC067282

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