



BPL Medical
Technologies



Experience the
Compactness

ECG HOLTER
TRAC NEO T1

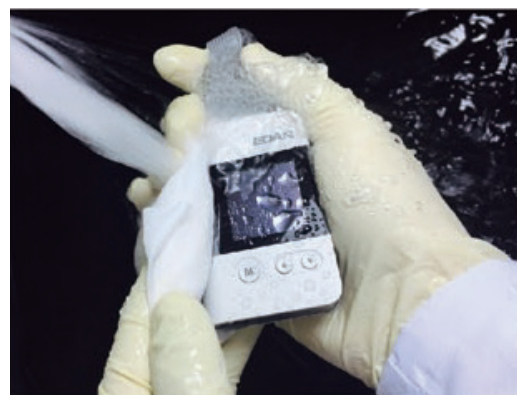


Happier Living Everyday





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 :76mmx49mmx16 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

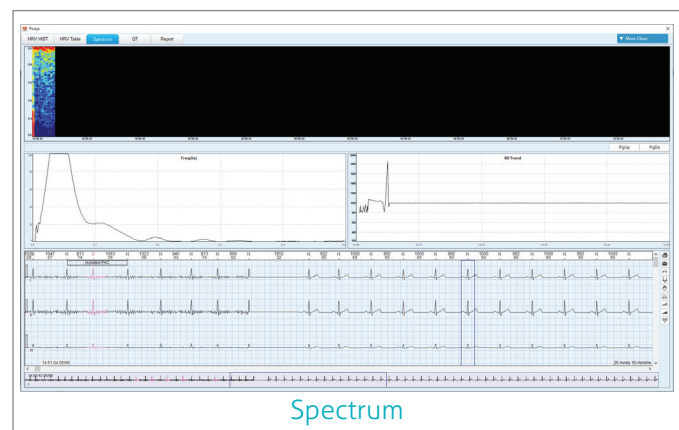
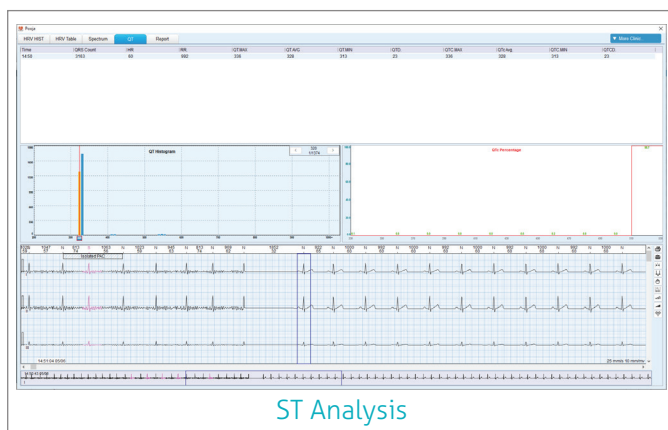
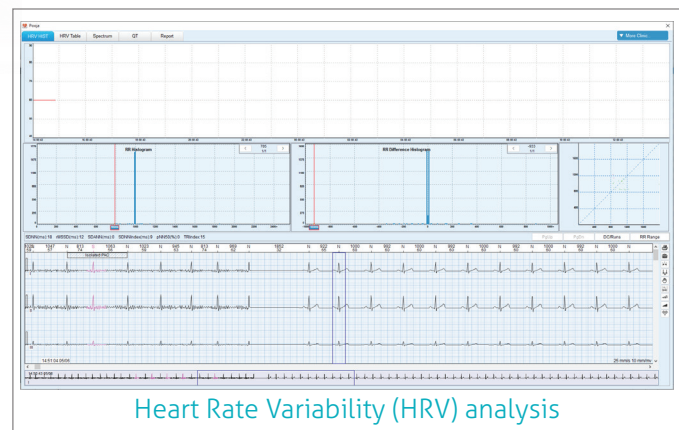
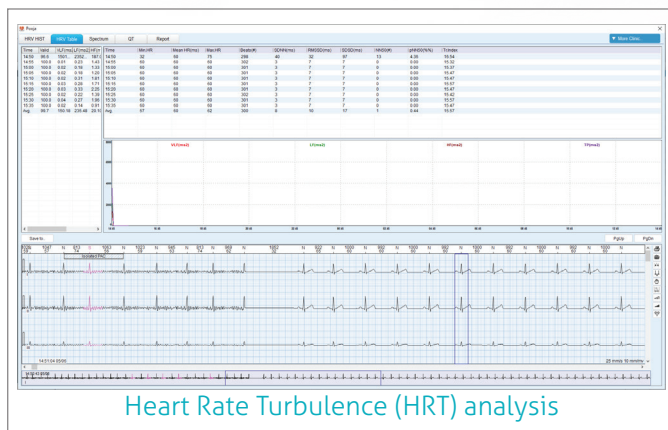
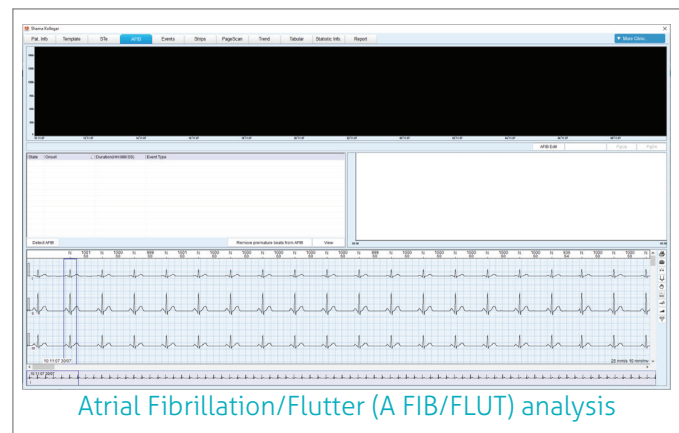


Two optional modes of ECG Data Transfer

Through USB cable connected to PC or MicroSD card Reader



Advanced Features



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 without notice		

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