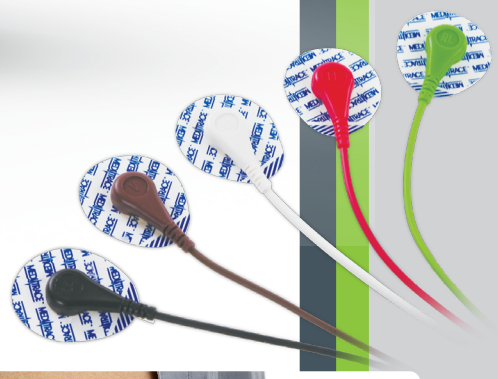
VTRUST MEDICAL INSTRUMENT

TD-2202
Portable ECG recorder



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Product Features

- 3.5" color touch screen
- 5 leads ECG recorder with event recording function
- Analyzes PHC (Personal Health Care) data
- Direct view of 4 channel ECG waveform
- Displays messages concerning heart rate
- Bluetooth communication

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Product Specification

ECG signal

(real-time or playback)	Lead I, II, III and chest lead with 5 Cable Electrodes Lead I with hand electrodes for PHC (Personal Health Care mode)
Bandwidth:	0.4 to 40 Hz
ECG Vertical Scales:	2.5, 5, 10 mm/mv
Pulse Measuring Range:	30 - 250 bpm (bpm ± 2%)
CMRR:	> 90 dB
DC Offset Correction:	± 300mV
Sample Resolution:	252 samples/sec
	Real time monitoring of pulse rate

Displays

Screen Type:	3.5" TFT LCD
Screen size:	320×240 Pixels
Backlight:	Adjustable
Heart Beep:	Adjustable (On/Off)
Display Information:	ECG signal, Heart Rate, Current Lead, Battery and Recording Indicator

Data Measurement & Management

Recording Length:	- ECG Mode - 10, 30, 60 or 90 sec. - PHC Mode - 30 or 60 sec.
PHC mode data analysis result:	- Regular Heart Beats - Tachycardia - Braycardia - Irregular Heart Beats - Atrial Fibrillation - No Signal

Data Transmission

Bluetooth

Power Source

1.5V AAA x 3

Storage

Support 4, 8, 16 GB SD card

Mechanical

Dimension:	74 x 140 x 32.85 mm
Weight:	160 g (Without Battery)

Environmental

Operating Temperature:	10 to 40 °C ; 50 to 104 °F
Storage Temperature:	- 20 to 65 °C; - 4 to 149 °F
Operating Humidity:	Below 95 %, Non-Condensing

Classification

Degree of Protection:	Type BF Applied Part
Mode of operation:	Continuous
Safety:	IEC60601-1 ; IEC 60601-2-47
EMC:	IEC60601-1-2
Performance standard:	American Advancement of ANSI/AAMI EC38

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Accessories

Part No.	Description	Specification	Picture
ECG-001	ECG Pad(Adult)	Ø35mm,100 pads	
ECG-002	ECG Pad (Neonate)	Ø30mm,100 pads	
ECG-003	ECG Lead-wire cable	One-piece 5-leads (AHA) length1M	
ECG-005	Rubber Protection Cover (meter excluded)	Silicon	
ECG-006	SD Card	8GB	
ECG-007	Power Cradle	Micro USB. DC 5V	

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