PC-Based Resting ECG

BriteMED

PC-ECG

PC based 12-Lead Portable ECG for Clinics and Telemedicine applications

Quality Waveforms

The 1000 sampling rate enables quality and real-time 12-lead ECG waveforms. The captured data is analyzed to assist general practitioners to decide the medical treatment.

Cost Effectiveness

The power supply is from PC through USB cable, no need to buy additional batteries for cost-saving advantage. The ECG report is printed on any standard paper printer instead of thermal Printers, requiring less maintenance and cost savings.

Intuitive Report System

The report is saved as png/pdf/DICOM file for e-mail consultation and HIS/PACS server integration. The communication via API provides quick integration to telemedicine solutions.

True Portability

The light weight is convenient for doctors to carry out to visit bedridden and elderly home patients. The compact size is easy for integration in telemedicine kit and tele-cardiology solution.

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The ECG displays real-time and quality 12-lead waveforms by noise-filtering expertise. The intuitive PC ECG software analyzes real-time ECG data and manages ECG reports and patient profiles. The USB cable is for data communication and 5V power from PC. The ECG report is saved in the PC and printed on any standard paper printer. No need for battery and thermal printer allows longer product life and less maintenance cost, providing cost-effective advantage for clinics and healthcare centers.

Intelligent PCSoftware

The software is easily installed on Windows devices to interpret real-time 12-lead waveforms, and save ECG records. The interface is selected in English, Spanish, Chinese, Japanese and can be customized to local languages. The communication protocols are provided to synchronize patient profiles and ECG records to a wide range of smart healthcare applications.

BriteMED® PC-Based 12-Lead Portable ECG

The BriteMED® PC-Based 12-Lead Portable ECG provides an easy-to-go and cost-effective solution for 12-lead ECG monitoring. The BriteMED® ECG displays real-time and quality 12-lead waveforms by noise-filtering expertise. The intuitive PC ECG software analyzes real-time ECG data and manages ECG reports and patient profiles. The USB cable is for data communication and 5V power from PC. The ECG report is saved in the PC and printed by A4 paper. No need for battery and thermal printer allows longer product life and less maintenance cost, providing cost-effective advantage for clinics and healthcare centers.

Ordering Information

Part No.	Description
ECG-D12-10BI-E-R20	PC based 12-channel ECG with 10 patient leads one-piece banana type IEC ECG cable, EU
ECG-D12-10SI-E-R20	PC based 12-channel ECG with 10 patient leads one-piece snap type IEC ECG cable, EU
ECG-D12-10BA-U-R20	PC based 12-channel ECG with 10 patient leads one-piece banana type AHA ECG cable, US
ECG-D12-10SA-U-R20	PC based 12-channel ECG with 10 patient leads one-piece snap type AHA ECG cable, US

Options

	Part No.	Description
	ECGA-C10SI-E-R20	10 paitent leads one-piece snap type IEC ECG cable, EU
	ECGA-C10SA-U-R20	10 paitent leads one-piece snap type AHA ECG cable, US

	Part No.	Description
	ECGA-C10BI-E-R20	10 patient leads one-piece banana type IEC ECG cable, EU
	ECGA-C10BA-U-R20	10 patient leads one-piece banana type AHA ECG cable, US

Specifications

Mode No.	ECG-D12-10SI/ECG-D12-10SA
PATIENT LEADS	12-lead electrocardiogram
SENSITIVITY	5, 10, 20, 40 mm/mV
SAMPLING RATE	1000 samples per second
LOW CUT FILTER	0.05 Hz, 0.15 Hz, 0.3 Hz
HIGH CUT FILTER	30 Hz, 150 Hz, 250 Hz, off
HUM FILTER	50 Hz, 60 Hz, off
COMMON MODE REJECTION	> 90dB
SWEEP SPEED	25mm/s
PRINTING PAPER SIZE	A4
HR MEASUREMENT RANGE	30BPM~300BPM, Accuracy: ± 1BPM
DEFIBRILLATOR PROTECTION	Yes
PACING PULSE DETECTION	Yes
POWER SUPPLY	5V/0.3A (supplied from PC via USB cable)
DIMENSIONS (L X W X H)	99.7 x 60 x 23.2 mm
WEIGHT	80g
OPERATING TEMPERATURE	10°C~40°C
STORAGE TEMPERATURE	-20°C~50°C
SYSTEM REQUIREMENTS	OS: Microsoft Windows 7 (32-bit/64-bit) or newer OS is required PC display resolution: 1280 x 768 (min)
SAFETY STANDARDS	Compliant with IEC/EN 60601-2-25 , IEC/EN 60601-1, IEC/EN 60601-1-2
PACKAGE CONTENT	✔ ECG x 1 ✔ 10-electrode patient cable in snap type connectors x 1 ✔ USB cable x 1 ✔ USB flash drive x 1 ✔ Quick guide x 1 ✔ Carry bag x 1