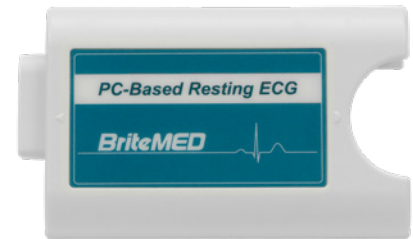


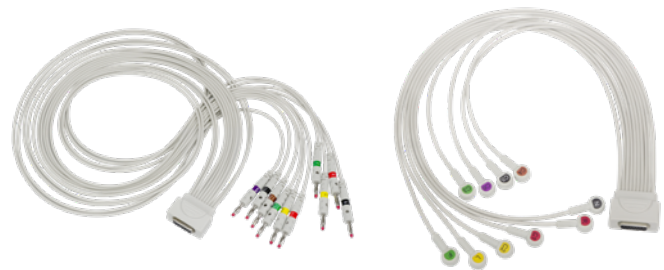
BriteMED® 12-Lead Portable ECG

PC based for clinic and telemedicine applications

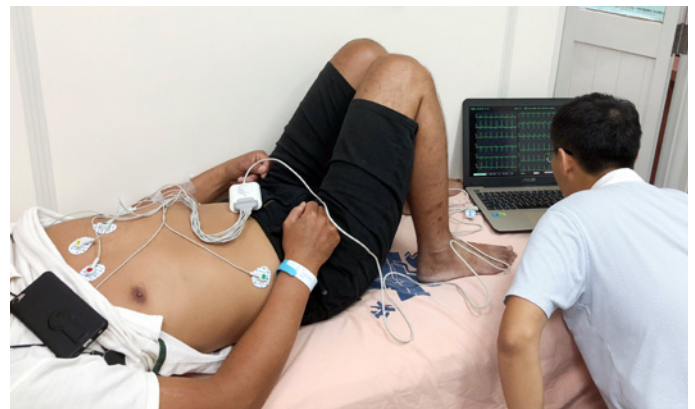


Value-Added Patient Cable

The 1.5m long banana-plug cable connects reusable accessories while the short snap-type cable connects disposable ECG pads. Both cables have the same connector for use with the ECG.



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 with sharable format and printed by A4 paper. No need for battery and thermal printer allows less maintenance cost, providing cost-effective advantage for clinics and healthcare centers. The PNG/PDF reports can be easily shared for remote consultation or seamlessly integrated to EHR system, synchronizing patient records for making quick follow-up treatment plan.



Benefits



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.



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.



Intuitive Report System

The report is saved as PNG/PDF files for e-mail consultation and compatible formats for HIS/PACS server integration. The communication API provides quick integration to telemedicine solutions.

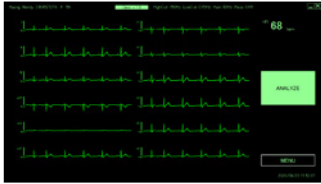


Cost Effectiveness

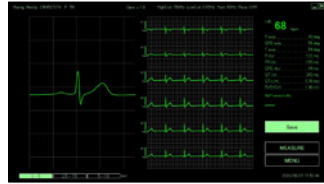
The power supply is from PC by USB cable, no need to buy additional batteries for cost-saving advantage. The ECG report is printed by A4 instead of thermal papers for less maintenance troubles.

Intelligent PC Software

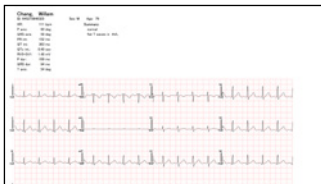
The software is easily installed on Windows devices to interpret real-time 12-lead waveforms, and save ECG records. The interface is selected in English, Spanish, Chinese, Japanese and can be customized to local languages. The communication protocols are provided to synchronize patient profiles and ECG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



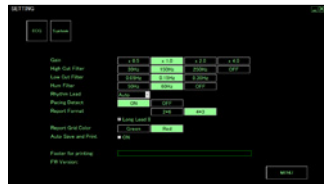
Real-Time ECG Waveforms



Waveform Zoom-In



ECG Analysis Report



System & Language Settings

Specifications

Mode No.	ECG-D12-10BI/BA	ECG-D12-10SI/SA
Patient Leads	12 -lead electrocardiogram	
Sensitivity	5, 10, 20, 40 mm/mV	
Sampling Rate	1000 samples/second/channel	
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	25 mm/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 or newer OS is required. PC display resolution (min.): 1280 x 768 PC requirement (min.): Intel® Core 1.5 GHz processor, 4GB memory size, 300 MHz graphics base frequency	
Safety Standards	Compliant with IEC/EN 60601-2-25 , IEC/EN 60601-1, IEC/EN 60601-1-2	
Package Content	<ul style="list-style-type: none"> • ECG x 1 • 10-electrode patient cable in banana type plugs x 1 • USB cable x 1 • USB flash drive x 1 • Quick guide x 1 • Carry bag x 1 	<ul style="list-style-type: none"> • 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

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		Part No.	Description
	ECGA-C10SI-E-R20	10 patient leads one-piece snap type IEC ECG cable, EU		ECGA-C10BI-E-R20	10 patient leads one-piece banana type IEC ECG cable, EU
	ECGA-C10SA-U-R20	10 patient leads one-piece snap type AHA ECG cable, US		ECGA-C10BA-U-R20	10 patient leads one-piece banana type AHA ECG cable, US



ECG-D12-R20_datasheet_V2_20220913

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