TechnicalSpecifications

M1000

Monitor size Weight

220mm x 180 mm x 90mm 1.6kg, Standard parameters configuration, including lithium battery

8" color TFT LCD,

with touchscreen

800 x 600 pixels

3-lead:I, II, III

I, II, III, aVR, aVL, aVF, V

Automatic 3/5 – lead recognition

Diagnostic Mode: 0.05-120Hz

6.25 mm/s, 12.5 mm/s,

Diagnostic Mode: >89dB

Range :- 2.0 to 2.0 mV

whichever is greater (-0.8 to +0.8 mV)

Yes, multi-lead, 27 classifications

±1 bpm or ±1%, whichever is greater

±0.02 mV or ±10 %.

25 mm/s, 50 mm/s

x0. 25, x0. 5, x1, x2, x4, Auto

up to 10

0.5-40Hz

>105dB

unspecified

10 to 300 bpm

10 to 350 bpm

0 to 150 rpm

0.01mV

Yes

1 bpm

1 rpm

0 to 100%

±2% (70-100%, Adu/Ped)

Unspecified (0-69%)

25 to 250 bpm

whichever is greater

 ± 1 bpm or $\pm 1\%$,

1 bpm

1%

1-25Hz : Withstand 4000V

<10s

Display Type :

Resolution : Waveforms ·

ECG

Lead set 5-lead

Gain : Sweep speed

Bandwidth Monitor Mode Surgical Mode Defibrillator protection

Recovery time : CMRR : Monitor, Surgical STanalysis:

Over ±0.8mV : Resolution Arr analysis

Accuracy :

QT analysis:

Heart Rate

Range : Adu : Ped/Neo Resolution Accuracy :

Respiration

Range : Resolution Accuracy : Lead : Sweep speed

SpO2

Range : Resolution Accuracy :

Pulse Rate

Range : Accuracy :

Resolution

NIRP

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Method :
Operation mode
Parameters:
Systolic range Adu
Ped
Neo
Diastolic range Adu :
Ped
Neo
Mean range
Ped
Neo :
Accuracy :
Clinical:
Max standard deviation :
Resolution
OverpressureProtection :
Adult :
Child
```

Neonatal

Channel :

Range :

Temperature

Parameters:

Resolution :

Accuracy :

Data Storage

Trend data

NIBP:

Battery

Type :

Voltage

Capacity

Run time Recharge time

3400mAh

Alarm events ARR. events :

Automatic Oscillometric Manual, Auto, STAT Systolic, Diastolic, Mean 30 to 270 mmHa 30 to 235 mmHg 30 to 135 mmHg 10 to 220 mmHg 10 to 220 mmHg 10 to 110 mmHg Adu:20 to 235 mmHg 20 to 225 mmHg 20 to 125 mmHg Static: ±3mmHg or ±2%, whichever is greater average error:±5 mmHg 8mmHa 1 mmHg Intervals for auto measurement :1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90 minutes 2.4.8 hours Hardware and software double protections 297±3 mmHa 252±3 mmHg 147±3 mmHg

> 1-ch Τ1 0 to 50°C (32 to 122 °F) 0.1°C \pm 0.2°C (without probe, 45.1°C to 50°C) \pm 0.1°C (without probe, 25.0°C to 45°C) \pm 0.2°C (without probe, 0°C to 249°C)

240 hrs (interval 1 min), 8 hrs (interval 5 sec) 2300 events and associated waveforms 500 Arr. events and associated waveforms 2000 measurements

1 Built-in re-chargeable Lithium-ion battery 11, 1 VDC 2200mAh (3400mAh optional) 6 hours (2500mAh), 10, 5hours (3400mAh optional) 2200mAh: 3 hours maximum (power off) 4 hours maximum (power off)

1 AC power connector 1 RJ45 network connector / or nurse call connector 2 USB 2, 0 connector Yes,5G/2,4G dual band Support Support

Operating: 5 to 40°C -20 to 55°C Operating: <85% (non condensing) 500~1060hPa





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Interfacing ±2 rpm or ±2%, whichever is greater Connectors I(RA-LA) or II(RA-LL) 6.25 mm/s, 12.5 mm/s, 25 mm/s

WiFi support : Barcode Scanner:

USB printer : Environmental Requirements

Temperature : Storage :

Humidity

Storage :

Storage

Barometric :

< 93% (non condensing) Operating:700~1060hPa

Portable Patient Monitor











The external power module provides a durable & stable, Low power consumption and no internal fan design, resulting in a cleaner & quieter clinical environment.



Powerful data storage 168 hours trend data (interval 1 min) 2 hours trend data (interval 5 sec) 128 ARR events and associated waveforms, 1000 groups NIBP measurements.



Install Biolight's "Patient Data Review "software on a computer to manage & analyze patient's data. Convenient to produce relevant clinical reports.



Provides a variety of clinical installation solutions, support trolley, wall mount, bed rail hooks, rail clamp,



Easy-to-use interface and optional touchscreen makes for smooth operation. Ergonomic design of 7° screen angle gives the best perspective.



New BM1000 platform, Highly integrated design, combines mother board & multi-parameter module into one board, CPU speed increase 600%, RAM increase 400%, Optimized circuit design, reduces energy consumption. One battery run time is more than 10.5Hours. Platform integrated advanced sound card, support MP3 format alarm sound

Easy to carry. Less than 1.6Kg weight, the compact M1000 is extremely portable. With built-in concealed handles, the M1000 fits perfectly in one hand, leaving your other hand free to operate the touch screen.

Extended battery life supports up to 10.5 hours of continued monitoring.

Compact system design and high quality components, ensures low failure rate

Easy connectivity to Biolight M6000C central monitoring system via wired and wireless. Various mounting solutions available for easy and flexible application in the clinical environment.