

# SSH SSH-102

## Automated External Defibrillator

Sudden cardiac arrest is the leading cause of death in the United States and other countries. It can happen to anyone at any time. According to the American Heart Association (AHA) CPR statistics, there are approximately 300,000 victims of out-of-hospital cardiac arrest each year in the U.S. alone, and less than 8% of people who experience cardiac arrest outside the hospital survive.

### Defibrillator Specification

|                                 |  |
|---------------------------------|--|
| Mode                            | Adult, pediatric   |
| LCD Scree size (Model with LCD) | 3.5inch  |
| LCD Resolution (Model with LCD) | 320( RGB ) *240  |
| Waveform                        | Biphasic truncated exponential   |
| Energy                          | 200-joulex max   |
| Voice prompt                    | Multiple languages to select   |
| Visual Indicator                | Color LCD and LED indicators   |
| charge time (new, at 25 c)      | Less than 7sec. to 150J less than 3 sec. to 75J Less than 10 sec. to 200J Less than 3 sec, to 50J 9 sec. |
| Analysis time                   | 9 sec.   |
| Controls                        | One Button Operation   |

### Environment Specification

|                                   |   |
|-----------------------------------|---|
| Operating Temperatore             | 0 C to 50 C   |
| Operating Humidity                | Relative humidity between 15% and 95%                               |
| Atmospheric pressure              | 500hPa - 1060 hPa-20 C to 55 C                                      |
| Storage and Transport Temperature | IP-55 ( Battery installed )   |
| Partical and water Temperature    | IEC60601-1-12   |
| Particle and Water Ingress        | (1 meter, onto any edge, corner, or surface while in standby mode-- |
| Drop and Shock Abuse Tolerance    |   |

### Accessories

|               |   |
|---------------|---|
| battery type: | Non- rechargeable, LimnO2 12V, 3,.2AH               |
| AED pads:     | Disposable adult pads and disposable pediatric pads |



**AVAILABLE**

|        |  |
|--------|--|
| RED    |  |
| YELLOW |  |
| WHITE  |  |

# M&B 7000

## Automated External Defibrillator

output: Biphasic Truncated exponential

Energy Sequence: 150, 150, 500J

Charge time: 8 sec. to 150J, 10 sec. to 200J (New Battery)

Analysis Time: 9 sec.

Audible Prompts: 20 audible prompts.

Visual Prompts: LED prompts

Controls: Two buttons- On/Off, shock

Output Energy Accuracy: +15% into any impedance from 25 to 175Ω

Output disabled when the patient impedance to outside limits: 20Ω to 200Ω

### Battery

Part No: CR123A-4x2

Non-rechargeable: 12V d.c. 3.0Ah

Capacity: 100 discharges at 200 joules or 120 discharges at 150 joules.

Shelf life (25°C +15°C): 10 years (5 years storage + 5 years standby) 5 years standby (after installation)

### Physical

Dimensions: 303 x 216 x 89mm.

Weight: 2.0 kg.

Operating Temperature: 0°C to 40°C

Operating humidity: Relative humidity between 30% and 95% (non-condensing).

Storage temperature (without battery): -20°C to 55°C

Storage Humidity (without battery): Up to 93% (non-condensing)



# SSHL 8000

## Automated External Defibrillator



### Category

Output

Energy Sequence(child)

Energy Sequence(Adult)

Charge Time

### Specification

Biphasic Truncated exponential

50J,50J,50J

150J,200J,200J

4 sec. to 150J

6 sec. to 200J(New battery)

≤ 6 sec.

Less than 10seconds

Less than 10 seconds

Less than 18 seconds

LED prompts;Automatic Self-test

Four buttons : On/Off, Shock, Adult/child, CPR  
±10% into any impedance from 25Ω to 175Ω

1800±50V

20Ω to 200Ω

### Analysis Time

The maximum time from the initiation of rhythm analysis to readiness for discharge with a new battery.

The maximum time from the initiation of rhythm analysis to readiness for discharge after 6 shocks.

The maximum time from initially switching power on to readiness for discharge.

### Visual Prompts

Controls

Output Energy Accuracy

The Maximum Voltage

Output disabled when the patient impedance is outside limits

### Battery

Part No : CR123A-4x2

Non-rechargeable : 2800 mAh

Capacity : 200 times discharges at 200 Joules

Shelf Life (25°C+15C) : 5 years standby (after installation)

### Physical

Dimensions : 280 x 209 x 80 mm

Weight : 2.5 kg

Operating Temperature : 0°C to 40°C

Operating Humidity : Relative humidity between 30% and 95%(non-condensing)

Storage Temperature : -20°C to 55°C

(without battery) :

Storage Humidity : Up to 93%(non-condensing)

(without battery) :

### Packing:

Single package size:

33\*16.5\*36cm,weight 3.2kg 4 unit per carton, package size: 71\*35\*38.5cm, total gross weight 14 KG

# SSH 101

## Automated External Defibrillator



Category

Output

Energy Sequence(child)

Energy Sequence(Adult)

Charge Time

Analysis Time

The maximum time from the initiation of rhythm analysis to readiness for discharge with a new battery.

The maximum time from the initiation of rhythm analysis to readiness for discharge after 6 shocks.

The maximum time from initially switching power on to readiness for discharge.

Visual Prompts

Controls

Output Energy Accuracy

The Maximum Voltage

Output disabled when the patient impedance is outside limits

### Battery

|                         |                                      |
|-------------------------|--------------------------------------|
| Part No :               | CR123A-4x2                           |
| Non-rechargeable :      | 2800 mAh                             |
| Capacity :              | 200 times discharges at 200 Joules   |
| Shelf Life (25°C+15C) : | 5 years standby (after installation) |

### Physical

|  |   |
|--|---|
| Dimensions :                                 | 280 x 209 x 80 mm                                     |
| Weight :                                     | 2.5 kg  |
| Operating Temperature :                      | 0°C to 40°C   |
| Operating Humidity :                         | Relative humidity between 30% and 95%(non-condensing) |
| Storage Temperature :<br>(without battery) : | -20°C to 55°C   |
| Storage Humidity :<br>(without battery) :    | Up to 93%(non-condensing)                             |

### Specification

Biphasic Truncated exponential  
50J,50J,50J

150J,200J,200J

4 sec. to 150J

6 sec. to 200 J(New battery)  
≤ 6 sec.

Less than 10seconds

Less than 10 seconds

Less than 18 seconds

LED prompts;Automatic Self-test

Four buttons : On/Off, Shock, Adult/child, CPR

±10% into any impedance from 25Ω to 175Ω

1800±50V

20Ω to 200Ω

### Packing:

Single package size:

33\*16.5\*36cm,weight 3.2kg 4 unit per carton, package size:

71\*35\*38.5cm, total gross weight 14 KG

# SSHL-MS01



## SSHL

### PORTABLE BIPHASIC DEFIBRILLATOR

#### MEASURING PARAMETERS

- Channel: 2 Channel
- Electrode: 3/5 Leads
- ECG Acquisition: Patient Cable and Paddles
- Display: 2 waveforms with HR and Joules Selected
- Lead: Lead I, II, III, aVR, aVL, aVF, V
- Gain Selection: 5/10/15/20mm/mv
- Sweep Speed; 12.5, 25 or 50mm/sec
- Heart rate range: 30-240 bpm
- Heart Rate Accuracy: +2bpm
- Frequency Response: 0.05 to 40Hz
- CMRR: >100 dB
- Input Impedance: >100 M Ohms

#### RECORDER

- Weight input: 5.4 kg
- Dimensions: 403(L) X 152 (H) X 324 (W) mm
- Working Temperature and Humidity: 0-40 deg. deg.cel. & up to 90% non condensing.

#### RECORDER

- Type: High Resolution thermal array recorder
- Printing Speed: 25 mm/sec
- Printer Paper Size: 57 mm x 20 Mtr.
- Details on print: HR, ECG w/f along with energy delivery, Date, Time, Patient Details (ID, name, age, sex), Joules selected, Sweep Speed and Gain

#### DISPLAY

- Type: color TFT display
- Size: 7" Diagonally
- Resolution: 800 x 480 Pixels

#### ELECTRICAL

- Power Input: AC 230V, 50 Hz
- Battery Rating:
  - 14.8V/4400mAh, Li-Polymer
  - Charging Time: 8 hours
  - Operating Time: 40-50 shocks (270 joules) or more than 3 hours monitoring without printing

# **SSHL-NI1006**



## **SSHL**

### **PORTABLE BIPHASIC DEFIBRILLATOR**

#### **PRODUCT DESCRIPTION**

- 7" Color Display with built in printer
- Charging time 6 sec on mains
- Offers variable energy level selection.  
(2,3,5,7,10,20,30,50,70,100,150,200 Joules)
- Battery capacity - 70 - 100 shocks on single charge.
- Adult & pediatric paddles support.
- Compact & Light weight.
- Printer 2"

#### **TECHNICAL SPECIFICATION**

- Charging time less than 4 second
- SD card storage facility
- 250 shock events with 10 second of ECG data
- Contact Indicator
- Operating Time: 40-50 shocks (270 joules) or more than 3 hours monitoring without printing

#### **FEATURES**

- Alarm : User adjustable high & low limit, Audible and visual alarming
- Battery : 12 V 4.5Ah, Rechargeable
- ECG
- Heart Rate

#### **OPTIONAL**

- Respiration
- NIBP
- SPO2
- ETCO2
- Temperature
- AED
- Pacer
- printer
- Internal Paddle



# *Thank You*

For Your Attention



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