



Patient Head Rest

Shaped to secure patient's airway opening upon head placement with optional automatic adjustment to patient

Oxygen Supply System

Face Mask (with sensor), disposable - automatic activation with 100% oxygen enrichment, adaptive to the patient condition (5 lpm / 10 lpm).

- Oxygen Supply Cylinder: • Max Duration (5 lpm): ~40 min.
- Min Duration (10 lpm): ~20 min.

Connection to external Oxygen supply

Patient Monitored Information

- ECG waveform (3 or 12 lead ECG wrist connections), single-use, disposable
- Quality of ECG electrode connection monitored
- Heart Rate (based on ECG)
- SpO₂ (Saturated Pulse Oxygen) level, finger probe, re-useable
- Quality of SpO₂ connection monitored
- Heart Rate (based on SpO₂)
- Respiratory Rate (based on Face Mask Sensor)
- NIBP (optional)

Defibrillator

Type: Automatic External Defibrillator

Output: Biphasic Truncated Exponential

Energy Sequence: Adult: 150, 150, 200J

Charge Time: 8 sec to 10 sec to 200J

Analysis Time: 9 sec

Automatically evaluates patient impedance for proper pad contact.

Monitors signal quality and analysis patient ECG for shockable / non-shockable rhythms

Maximum time from initiation of rhythm analysis to readiness for discharge:

- Less than 30 sec
- After 6 shocks: less than 35 sec

Maximum time from initiation of power on to readiness:

- Less than 25 sec

Controls: Green Activation Button

Disable Control: Output disabled when patient impedance is outside limits:

- 20 to 200 ohms

Defibrillator Pads

- Model: Adult
- Type: single-use, Non-Polarized, Disposable, Self-adhesive electrodes
- Pad Placement: Anterior / Anterior

Voice / Visual prompts

Extensive voice/visual prompts guide the user through operation of the unit includes CPR

Battery Model: Li-FePO₄ Battery Pack 3x4 HTCF18650 1500mAh-3.2V

Power: 12.8V/4.5Ah - 57.6Wh

Capacity: 100 discharges at 150J, or 5 hours continuous use

Standby Life: 5 years, after installation based on 2000 charges capability

Type: Lithium Ferrite, rechargeable

Low Battery Indicators: Audible message

External connection: 9 - 36 DC voltage supply

Wall mount AC connection for battery charging: 100-240 VAC

Event Document

Patient Monitored data and rescue event parameters are transmitted in real-time via a cloud to a Remote Medical Emergency Center and are recorded in the cloud in a secure environment, as well as being downloaded to a removable data card within the device. (Storage Capacity: 8GB)

System self-tests

- Automatic: daily, weekly, monthly and quarterly circuits.
- System Status transmitted via cloud to a Remote Service Center

System software update

Remote Cloud-based software update capability

Environment

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 55°C
- Operating Relative Humidity: 30% to 95%
- Non-condensing (Storage up to 95%)

Physical Characteristics

- Weight: 7.5 kg
- Size: 42cm x 39cm x 15cm