



Mediana A16 Core HeartOn Defibrillator – Semi Automatic

Variant code: 21-2941

The **Mediana A16 HeartOn AED Defibrillator** is a **semi-automatic automated external defibrillator** designed to support emergency response to sudden cardiac arrest. The A16 combines **voice prompts and visual indicators** to guide the user through the defibrillation process, with the semi-automatic version requiring the user to press the shock button when instructed.

The A16 provides dedicated **adult and paediatric operation** and is supplied with a set of **Adult/Paediatric Pads**. The system uses a **Biphasic Truncated Exponential waveform** with impedance compensation and incorporates status indications for key operating conditions.

Compact and portable, the A16 measures approximately **20 x 28.7 x 9cm** and weighs approximately **1.95kg including the battery**. The semi-automatic package is supplied with the **A16 AED, operator's manual, battery pack, SD card and a set of Adult/Paediatric Pads**, providing the essential components required for deployment.

Product Features

- **Semi-automatic AED** for emergency defibrillation
- Uses a **Biphasic Truncated Exponential (BTE) waveform**
- Designed for **adult and paediatric use**
- Provides **audible voice prompts** to guide the user
- Features **visual indicators and status LCD**
- Includes a dedicated **shock button** for semi-automatic shock delivery
- Supports **multiple pre-loaded languages**
- Features an **SD card** for data storage
- Performs automatic **self-testing** to monitor operational status
- Compact design weighing approximately **1.95kg including the battery**

Product Benefits

- **Semi-automatic operation gives the responder control over shock delivery after the AED has analysed the patient**
- **Adult and paediatric functionality enables the same AED to support different patient groups**
- **Voice prompts and visual indicators provide clear guidance throughout the rescue process**
- **Compact dimensions and relatively low weight make the unit practical for portable emergency-response applications**
- **Built-in self-testing and status indication** help users monitor AED readiness
- **Supplied with the key components required for deployment, including battery, SD card and Adult/Paediatric Pads**

Technical Characteristics

- **Product Type:** Automated External Defibrillator (AED)
- **Operating Mode:** Semi-Automatic
- **Waveform:** Biphasic Truncated Exponential (BTE) with Impedance Compensation
- **Patient Modes:** Adult & Paediatric
- **Controls:** Power, Shock, Patient Mode & Language Selection
- **Audible Guidance:** Voice Prompts & CPR Indication
- **Visible Indication:** Action Icons, Status LCD & LED Indicators
- **Data Storage:** SD Card
- **Dimensions:** Approx. 20 x 28.7 x 9cm
- **Weight:** Approx. 1.95kg Including Battery
- **Pad Type:** Disposable Adult/Paediatric Pads
- **Battery Type:** LiMnO₂ Disposable Primary Cell
- **Battery Standby Life:** Up to 5 Years from Date of Manufacture when Inserted in the AED
- **Operating Temperature:** 0°C to 43°C
- **Operating Relative Humidity:** 5% to 95% RH, Non-Condensing

Applications

The **Mediana A16 HeartOn AED Defibrillator – Semi-Automatic** is designed to support emergency response to **sudden cardiac arrest** and can be deployed wherever access to an AED

is required. Its combination of **adult and paediatric modes, voice guidance, visual indicators and portable construction** makes it suitable for placement across workplaces and other public or organisational environments as part of an appropriate emergency-response provision.

Property	Value
Weight (kg)	1.95
Dimensions	9 x 20 x 28.7 cm
Battery Type	LiMnO2 Disposable Primary Cell