MEDIANA HEARTON AED A15

- Instant switch from Adult to Paediatric
- Suitable for all schools, clubs and groups
- Automatic switch-on when lid is opened
- Pads attached, ready for use
- Pads fit both Adults and Paediatrics

You do not need training to use the Mediana AED, as it is designed for untrained persons. It talks you through step-by-step directions, so there is no risk of shocking a casualty in error.

Training however, can save vital seconds and dispel any confusion if you encounter a Cardiac Emergency. This course has been designed for people with little knowledge of First Aid, providing information in four bite-size sections that are easy to remember.

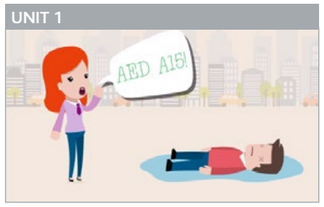
You will be guided through four units;

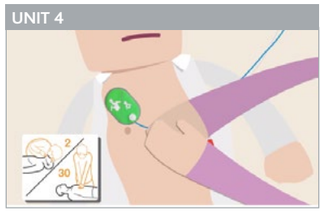
Unit 1: Encountering a Casualty having a Cardiac Arrest

Unit 2: Airway, Breathing, Circulation

Unit 3: Using the Mediana AED A15

Unit 4: After the defibrillation of the Casualty.





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- *For every one minute delay, a victim's chance of surviving a sudden cardiac arrest drops by 7-10%.*
- *Almost 95% of sudden cardiac arrest victims die before reaching hospital.*
- *CPR effectively administered immediately after sudden cardiac arrest, can double the chance of survival for a victim.*
- *Seven out of ten cardiac arrests occur outside of hospital. Currently in the UK, only 2-3% of these people survive.*
- *The Department of Health has a target of placing 3,000 new defibrillators in public places in England.*
- *Explorer, Sir Ranulph Fiennes, is alive today largely thanks to a defibrillator located at Bristol airport.*
- *Early defibrillation can triple a victims chance of survival.*

SPECIFICATIONS

DEFIBRILLATION ELECTRIC SHOCK	
Waveform:	Biphasic Truncated Exponential (BTE) waveform (Impedance compensation)
Energy:	Adult: 185 to 200J (±5%) Paediatric: 50J (±5%)
Operating Mode:	Semi-Auto
Analysis/Charge Time:	10 seconds or less
Shock Time:	Delivers 200 shocks with full battery
ECG	
Lead:	II (RA, LL)
Patient Impedance:	25 to 200 ohm
Heart Rate:	20 to 300 per min
Accuracy:	1 per min
Detection V/F	more than 200μV
V/T	more than 160 per min
Lead off detection:	Detached and voiced
Filter:	0.5 to 30Hz
INDICATION	
CONTROLS	
Standard:	Open (power) switch, shock button, Adult/Paediatric mode switch
INDICATORS	
Visible:	ICON Indicator, Status LCD (unit status, battery status, temperature status), LED (Adult/Paediatric mode switch LED)
Audible:	Speaker (voice prompt), Beep (CPR indication)
PHYSICAL	
Dimensions:	294H x 240W x 95mmD
Weight:	Approx. 2.65kg (including battery, excluding pads)
SELF TEST	
Cycle:	Every 24 hours, 1 week, 1 month Power on self test, battery insertion self test
Test Result:	Status LCD displays 'O' / 'X'
DATA BACKUP AND COMMUNICATION	
Standard SD card, IR communication port	
ACCESSORY SPECIFICATIONS	
ADULT/PAEDIATRIC PADS	
Standby Life:	2 years from date of manufacture
Electrodes:	Disposable pads
Pad Life:	30 Months
Placement:	Adult: Anterior-lateral Paediatric: Anterior-posterior
Minimum active gel area: 80cm2 +/-5%	
Cable Length:	Approx. 1.8m
BATTERY	
Type:	LiMnO2, disposable, long-life primary cell
Voltage/Capacity:	15V, 4200 mAh
Standby Life:	5 years from date of manufacture (inserted in the AED)
Discharge:	A minimum of 200 shocks (except the CPR period between the defibrillation therapy) or 10 hours of operating time at 20°C
ENVIRONMENTAL CONDITIONS	
Temperature:	Operation: 0 to 43°C (32 to 109.4°F) Storage: 0 to 43°C (32 to 109.4°F)
Relative Humidity:	5 to 95% RH (non-condensing)
Altitude:	0 to 4,575m
Shock:	Acceleration: 100G (+/-10%)
Vibration:	Frequency: 10Hz to 2000Hz Acceleration: 10Hz to 100Hz: 5,0 $(m/s^2)^2/Hz$ 100Hz to 200Hz: -7 dB per octave 100Hz to 2000Hz: 1,0 $(m/s^2)^2/Hz$
Drop Height:	1m
Water and Dust Resistance: IP54 (Class 2)	

Information correct at time of going to press. Subject to change without notice.

REV: 4.6.19