





HeartSave AED-M

AUTOMATED EXTERNAL DEFIBRILLATOR



Scope of delivery

	Battery 6*
	SavePads PreConnect-Set
	SaveCard
	Instruction manual by language

PHYSICAL PROPERTIES

Dimensions: 25 cm x 28 cm x 9 cm
(height x width x depth)

Weight:

approx. 2.5 kg (without energy module) approx.
3.0 kg (with energy module)

Protection class of applied parts:

safe for defibrillation, type CF

Protection class of casing:

Ingress of foreign matter: IP5X protection from
dust and contact

Ingress of liquid: IPX5 protection against jets of
water (nozzle) from any angle

Operating mode:

Continuous

Classification: Class IIb (MDD Annex IX Rule 09)

VOLTAGE SUPPLY

Battery 6:** Lithium battery

Weight: ca. 530 g

Nominal capacity: 7200 mAh

Remaining capacity up to battery warning:
4550 mAh

Energy content: 108 Wh

Lithium content: approx. 12.45 g

Charging time for 200 J: approx. 7 s

Charging time for 360 J: approx. 12 s

Number of shocks 200 J: approx. 330

Number of shocks 360 J: approx. 200

Operating time (monitoring) 11h 45min

AED-MODE

Impedance range: 23 Ω - 200 Ω

Measurement frequency impedance: 30 kHz

Shock method: Multifunction electrodes for
adults or children

Time until internal discharge: 15 s

Asystole threshold: $\geq 200 \mu V$

Analysis duration: usually 4 - 20 s

Adult mode energy stages: 290 J, 340 J, 360 J

Pediatric mode energy stages: 50 J, 70 J, 100 J

Sensitivity > 90 %

Specificity: > 95 %

Real predictive value: > 90 %

False positive rate: < 5 %

ENVIRONMENTAL CONDITIONS

Conditions for constant operation

Temperature: -20 °C to +50 °C, -4 °F to +122 °F

Humidity: 15 % to 95 % non-condensing

Air pressure: 620 hPa to 1060 hPa

TRANSPORT CONDITIONS (MAX. 10 DAYS)

Temperature:

-25 °C to +50 °C, -13 °F to +122 °F

STORAGE CONDITIONS

Temperature: -20 °C to +50 °C, -4 °F to +122 °F

Humidity: 15 % to 95 % non-condensing

Air pressure: 620 hPa to 1060 hPa

TRANSPORT CONDITIONS (max. 10 days)

Temperature:

-25 °C to +50 °C, -13 °F to +122 °F

Humidity: 15 % to 95 % non-condensing

Air pressure: 500 hPa to 1060 hPa

MONITOR

Typ: LCD monitor

Dimensions: 95 x 72 mm
(diagonal 120 mm, 4,7 Zoll)

Resolution: 320 x 240 Pixel

Displays: Heart frequency, number of defibril-
lations, number of VFs identified, time since
device start, date, time, energy capacity, ECG
graph

DATA STORAGE

Typ: CompactFlash Card 2GB

USER GUIDANCE

4 languages selectable

* Standard scope of delivery

** The service life of the battery is normally up to 6 years,
provided that the following conditions are met: The battery
is inserted into the device, the device is only ever in
standby mode and is not used, just the regular self-tests
recommended by Metrax are carried out, and the ambient
temperature is consistently 23 degrees Celsius (± 2 degrees
Celsius). Storing the device outdoors significantly reduces
the service life of the battery. Since a wide variety of factors
can influence the service life of the battery, Metrax accepts
no liability for the service life of the battery.