





## HeartSave AS

### FULLY 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 BF

**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

#### AED-MODE

**Impedance range:** 23  $\Omega$  - 200  $\Omega$

**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

#### 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

#### 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 ( $\pm 2$  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.