



## Technical data

# Schiller FRED PA-1 / DefiSign Life AED

### System

#### Device

**Dimensions:** 310 x 255 x 100 mm (h x l x w)

**Weight:** 2.5 kg (incl. battery)

#### Ambient conditions

##### Temperature:

- Operation: -5 to 40 °C;
- Transport/storage: -20 to 50 °C

##### Humidity:

- Operation: 30 to 95 % non-condensing
- Transport/storage: 0 to 95 % non-condensing

##### Pressure:

- Operating: 700 to 1060 hPa
- Transport/storage: 500 to 1060 hPa

**Dust and water protection:** IP55

#### Electrical data

**Power supply:** Replaceable Li-MnO<sub>2</sub> battery 15 V, 2.8 Ah

**Battery capacity:** more than 140 shocks at maximum energy, if device is stored/used in optimal temperature conditions between 15 to 25 °C.

**Standby duration:** 6 years with weekly self-tests (corresponding to laboratory tests at 25 °C)

#### Display/voice prompts

LED and pictograms with voice prompts to guide the user.

**Voice prompts languages:** The device can be provided with different languages. Optional configuration with 3 languages, selectable after switching ON the device.

**Metronome:** configurable pace for CPR

#### Interfaces & data recording

**Interface:** SD card

**Recorded data:** 2 hours ECG signal recording and 500 technical events

### Defibrillation

#### Defibrillation mode

AED

Semi-automatic or fully automatic version

#### Waveform

BTE (Biphasic Truncated Exponential)

#### Energy

**AED adult:** 150/200/200 J – other energies settings can be configured

**AED child:** 50/50/50 J – other energies settings can be configured – automatic adaptation when paediatric pads are connected

#### Pads

**Type:** for adult and child

**Cable length:** 2 m

**Size pads:** 80 cm<sup>2</sup> active surface

**RFID tag:** for pads shelf life monitoring

### Standards

#### Certification:

**Classification according to Directive 93/42/EEC:** II b

#### Standards:

- IEC60601-1: Electrical safety
- IEC60601-1-2: EMC
- IEC60601-2-4: Defibrillators
- IEC 60529: Protection indication

**Notified body:** CE 0459



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