



# Samaritan® PAD 350P

*Efficient, quick and life saving first aid for heart failure*



## Everyone could need help

Every year 3.500 persons in Denmark are hit by sudden cardiac arrest, when not being at a hospital. Only 200 survive without treatment, which corresponds to a survival proportion of 5,7%. If an defibrillator is used correctly combined with CPR within 5 minutes from the cardiac arrest, the survival rate is increased to more than 75%.

## What is cardiac arrest?

The cause of cardiac arrest is

usually due to heart attack, but may also occur from blood loss, shock, etc.

At a cardiac arrest the heart flickers because of a so-called electrical chaos (ventricular fibrillation). The Samaritan® PAD 350P defibrillator can both analyze heart activity and deliver shock, if it is necessary to reset the heart's electrical chaos. This happens through electrodes placed on the injured chest. The defibrillator only shocks when there is a measured shockable heart rhythm.

## Compact and easy to use

Samaritan® PAD 350P is in a sturdy, compact and easily understood design to be used everywhere and by everyone.

The defibrillator is operated through two buttons and it guides the user stepwise through the first aid effort using verbal instruction. Samaritan® PAD 305P is made of a sturdy, compact design and comes in a handy storage and carrying bag.

## Safety and service

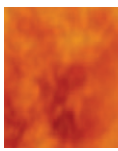
Though the Samaritan® PAD 350P is in a very understandable design, Lotek recommend you to complete a course in CPR with use of a defibrillator (AED). Lotek's training department can offer qualifying courses. We can also offer brief demonstrations of the defibrillator for users who have already completed a qualifying first aid course.

A service agreement may be attached to the defibrillator, giving confidence that the defibrillator is always ready for operation and properly maintained. A defibrillator is a natural complement to the first aid emergency management in businesses, sports arenas, campgrounds, malls and other places where people are gathered.



*Lotek offers a wide area of different storage possibilities for the defibrillator.*





# Samaritan® PAD 350P

## Technical Data:

**Prod. No.:** ..... 44600001-ENG

### Physical:

Size (h x w x d): ..... 20 cm x 18,4 cm x 4,8 cm (incl. Pad-Pak™-battery)  
Weight: ..... 1,1 kg incl. Pad-Pak™-battery

**Energy Selection:** ..... Pre-configured factory settings for escalating energy are AHA/ERC 2005  
*Adult: 1st Shock: 150 J 2st Shock: 150 J 3st Shock: 200 J*  
*Pediatric: 1st Shock: 50 J 2st Shock: 50 J 3st Shock: 50 J*

**Charging time:** ..... Less than 8 seconds (150 J) and less than 12 seconds (200 J)

**Patient Analysis System:** ..... Evaluates patient's ECG, signal quality, electrode contact integrity and patient impedance to determine if defibrillation is required

Sensitivity/Specificity: ..... Meets ISO 60601-2-4

### Environmental:

Operating/Standby Temperature: ..... 0° - 50° C

Temporary Transportation Temperature: ..... -10° - 50° C (two days - unit must be returned to standby/operating temperature for 24 hours before use.

Relative Humidity: ..... 5 - 95% (non-condensing)

Water Resistance: ..... IEC 60529/EN 60529 IP56

Altitude: ..... 0 - 4.575 m

Shock ..... MIL STD 810F Method 516,5, Procedure I (40G)

Vibration: ..... MIL STD 810F Method 514,5 +  
Category 4 Truck Transportation - US Highway  
Kategori 7 Aircraft - Jet 737 and General Aviation

EMC: ..... EN 60601-1-2

Radiated Emissions: ..... EN55011

Electrostatic Discharge RF Immunity: ..... EN61000-4-3:2001 80 mHz-2,5GHz (10 V/m)

Magnetic Field Immunity: ..... EN61000-4-8 (3 A/m)

Aircraft: ..... RTCA/DO -160D:1997, Sektion 21 (Kategori M), TSO-C142/RCTCA DO-227

Falling height: ..... 1 meter

### Event Documentation:

Type: ..... Internal memory

Memory Capacity: ..... 90 minutes of ECG (full disclosure) and event/incident recording

Playback Capabilities: ..... Custom USB cable directly connected to PC and Windows-based data review software

### Pad-Pak™ - Electrode and Battery Cartridge:

*Adult Pad-Pak (Pad-Pak-01) and Pediatric Pad-Pak (Pad-Pak-02)*

Shelf Life: ..... Typically 4 years from manufacture date

Weight: ..... 0,2 kg

Size: ..... 13,3 cm x 10 cm x 2,4 cm (h x w x d)

Battery Type: ..... Lithium Manganese Dioxide (LiMnO<sub>2</sub>), 18 V, 1,5 Amp Hrs

Capacity: ..... More than 60 shocks at 200J

Battery Standby Life Time: ..... 3 years

Electrodes: ..... Pad-Pak™ for single use are supplied as standard with each device

Placement: ..... Anterior-lateral (Adult); Anterior-posterior (Pediatric)

Active Gel area: ..... 100 cm<sup>2</sup>

Cable Length: ..... 1 meter

Lotek - Samaritan® PAD 350P - ENG - 050814

