



# Optimized Resuscitation

Cardiac massage and ventilation

**animax**

[www.animax-cpr.de](http://www.animax-cpr.de)



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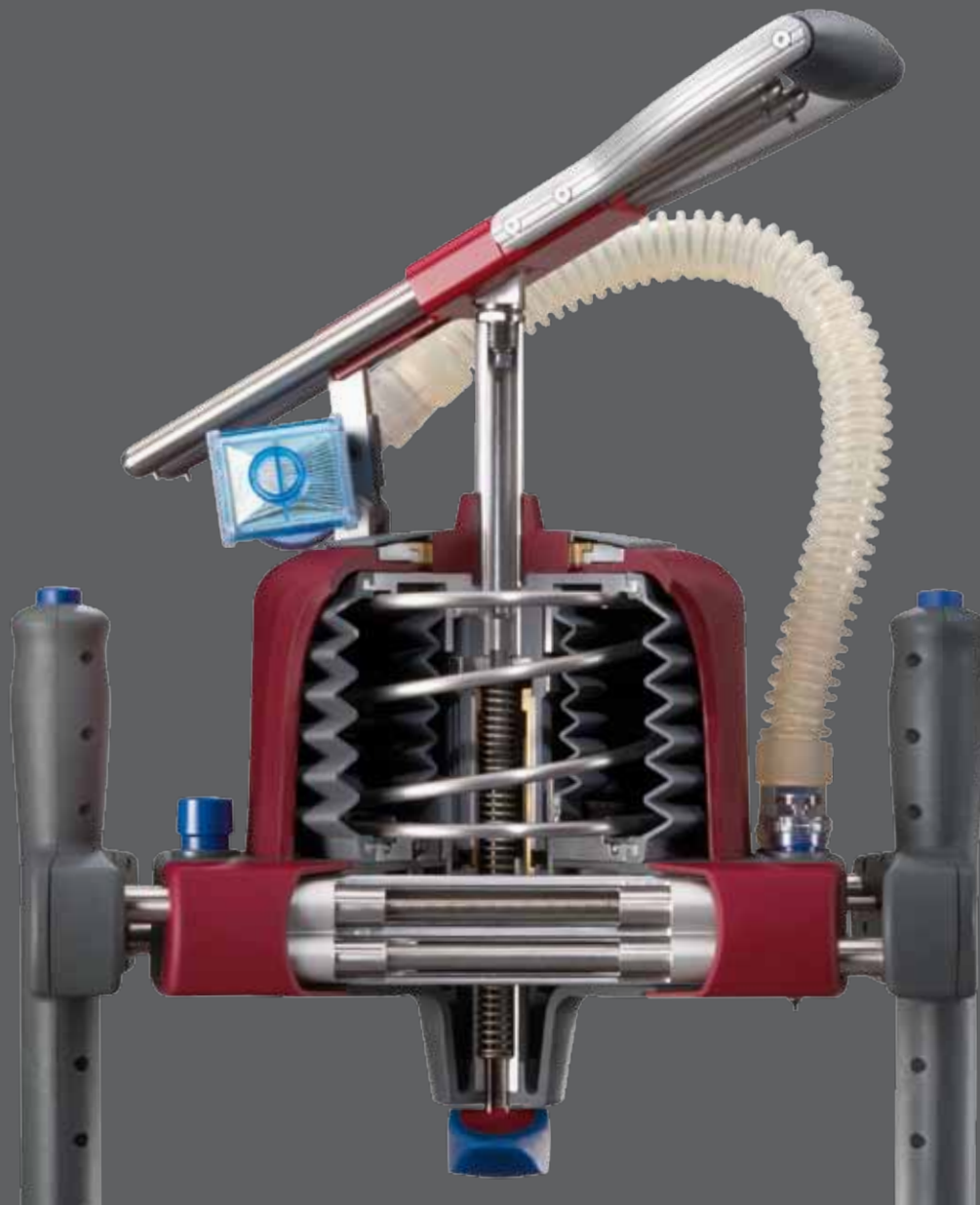


In case of cardiac arrest it is decisive to perform quick and effective resuscitation to save a person's life.

The animax offers the possibility for an optimum and continuous CPR (cardio pulmonary resuscitation).

It features precise mechanics and works thus without any source of energy. Therefore, this resuscitation device is particularly suitable for application on the road.

One assistant is sufficient to put the animax quickly on a patient; also the device is adaptable to each patient's individual chest size.



animax alternates automatically  
between cardiac massage and  
ventilation in a rhythm of 30:2.

Save lives —  
high tech for effective resuscitation





## Individual and complex resuscitation — an easy exercise with the animax

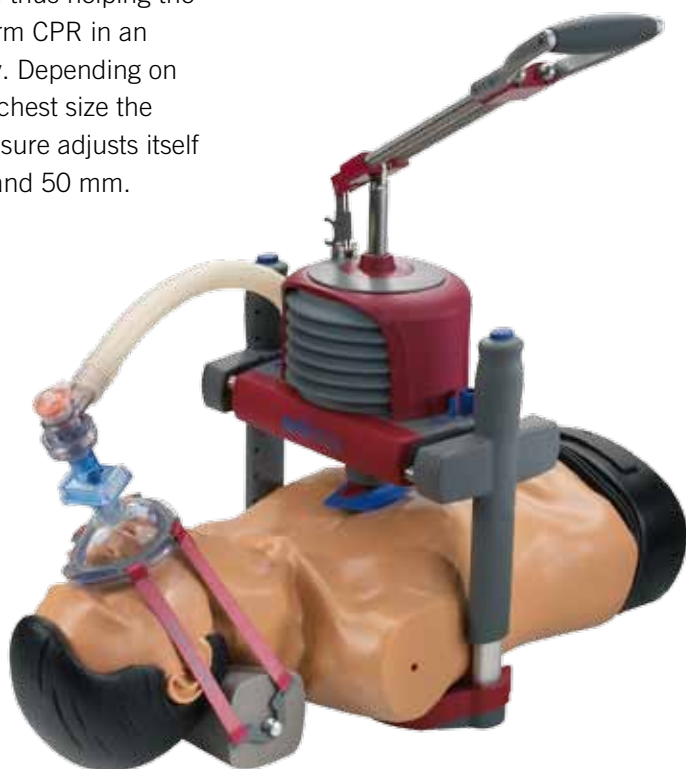
For a successful resuscitation several factors must be considered simultaneously. With the animax these measures are simplified thus helping the user to perform CPR in an optimum way. Depending on the patient's chest size the depth of pressure adjusts itself between 40 and 50 mm.

The ventilation volume also automatically adjusts between 500 ml and 600 ml. There is an integrated excess pressure valve to avoid a

patient's potential bloating. To monitor this closely there is a pressure manometer attached to the mask's valve.

Due to its ingenious design, it is easy to find the exact pressure point for successful resuscitation, which is kept throughout the whole procedure. The device alternates automatically between cardiac massage and ventilation in a rhythm of 30:2.

Resuscitation with animax can be performed effectively and without problem by one assistant only. The physical power necessary for CPR with the animax is considerably lower than it is the case performing CPR manually.





Spiro-set with filter, mask's valve and pressure manometer

The overstretch pillow keeps the patient's head supported and in an overstretched position, while the bow connecting the elastic straps to the mask rotates thus the straps adjust themselves. This assures a particularly good adhesion of the facial mask.

Oxygen can be added to the air for ventilation if necessary. The connection for air is linked to the oxygen supply so that the attached reservoir bag is filled with oxygen, if needed.



Ventilation connector with excess pressure valve



Connector for air and for oxygen supply



## Help within seconds — animax is ready to operate at once



The portal frame makes it easy to quickly put the device on a person.



The pressure stamp's guide plate indicates the distance to the actual pressure surface.

If you can immediately begin the resuscitation procedure, the patient's chances for survival are best. The innovative design of the animax's portal frame makes the device ready to use in an instant.

It is quick and easy to put the device on a person because of the combination of the scoops and the height - as well as width adjustment. If you push the push buttons located on the grips you can adjust the animax in height and width simultaneously. The frame with the scoops

extends automatically thus the width and height adjust symmetrically.

The correct pressure point can be found easily because the device centers itself automatically.

Also there is a guide plate on the pressure stamp indicating the correct distance from the extension of the breast bone. If the pressure stamp's guide plate points in the direction of the breast bone's extension, the animax is vertically in the correct position.



## Delivery package and accessories — for optimized resuscitation

The animax comes in a special bag, which can be used as a backpack as well. Part of the delivery package are the spiro-set, the overstretch-pillow for a dummy, an extra mask, a syringe, a ventilation hose, the mask's valve with manometer, scissors, a reservoir bag plus valve, a bacteria/virus filter, and two tubes. The spiro-set consists of a facial mask, elastic straps and frame for the facial mask, and an overstretch pillow for patients.

### Accessories\* for the animax



PEEP-valve



PEEP-valve-adaptor

\* All these parts are available and can be ordered as accessories.

# Mechanics ingeniously put into practise — save lives with animax

Our aim at AAT is to build an aid for optimum resuscitation by means of highly developed and innovative technology.

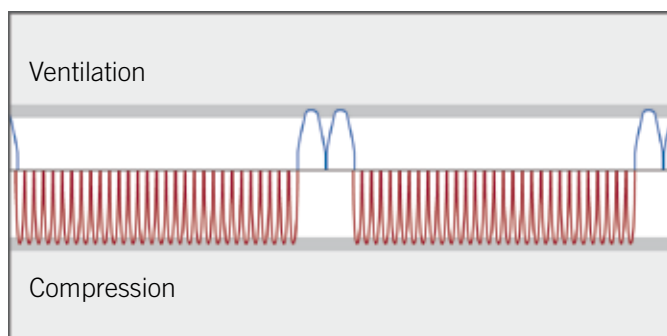
It is our philosophy to help people; therefore, we developed the animax.

We invest our entire knowledge and skill, based on long experience in the rehabilitation technology, into emergency medicine. Animax is conceptualised to solve complex tasks with mobile and userfriendly technology.

- easily and quickly put on the patient due to the symmetrical-ly adjustable portal frame
- the depth of pressure automatically adjusts to the patient's chest size
- easy and quick localization of the pressure point because of the pressure stamp
- alteration of cardiac massage and ventilation in the rhythm of 30:2
- automatic adjustment of the ventilation volume
- resuscitation that physically spares the assistant

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## Ventilation/compression diagram



animax corresponds to the guidelines for medical products 2007/47/EG.

In the interest of progress we reserve the right for technical changes.

## Technical and medical data

target group	adults
application	one person
weight of the animax	9.8 kg
weight of the bag plus accessories	4.5 kg
assembly time	approx. 20 seconds
automatic alteration	30:2
ventilation volume	500 - 600 ml
depth of pressure	40 - 50 mm
bag's height	38 cm
bag's length	53 cm
bag's depth	18 cm



Ideen bewegen mehr

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