

animax

optimized resuscitation



animax

functional sequence



cardiac massage



assisted ventilation



extra valve for spontaneous breathing



autom. alternation cardiac massage / assisted ventilation



automatic adjustment of the compression point



constant respiration volume



regulated respiration pressure



secure head tilt and chin lift



secure attachment of the mask



easier localisation of the exact compression point



secure fastening to the compression point



operation by one person



reduced effort



assembly time approx. 20 sec



maintenance-free



The resuscitation device by Alber allows for any assistant, be it a lay person or a professional, to perform optimum resuscitation. Particularly for persons we may call semiprofessionals (e.g. red cross assistants, fire men, pool attendants, etc.) performing resuscitation is way more difficult than for paramedics and professional rescuers. Knowledge and capability to perform CPR is there, but often semiprofessionals lack security and routine, as well as the necessary "feeling" for cardiac massage and assisted ventilation. Likewise there is an enormous physical effort involved be-

cause the semiprofessional rescuer must maintain CPR until the ambulance arrives. **animax** was produced to offer semiprofessional rescuers a user-friendly, maintenance-free device for optimized resuscitation. However, for the professional field as well **animax** is extremely useful. For instance performing resuscitation while driving in the ambulance, in surgery or for the night personnel in the hospital, **animax** always proves to be an excellent and effective device.

various details



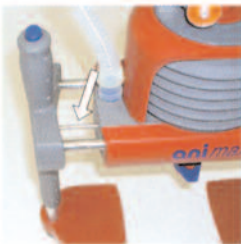
The symmetrically adjustable gantry frame makes it possible to attach the device quickly to the patient. By pressing the button on the grips, **animax** can be adjusted vertically and horizontally to the patient. In one single movement you put the device on top of the patient's chest and move the side parts toward the patient's right and left side simultaneously.



The mask's fitting, **spiro-set**, is part of the **animax**. It consists of a stretching pillow, a mask fixture and two facial masks. The straps of the mask's ring adjust themselves in the middle, since the hook attached to the stretching pillow is rotatable. This way the mask seals tightly for ventilation and is quickly assembled and disassembled.



A reduction of the ventilation pressure adapted to **animax** keeps the patient from getting bloated. The rescuer can control the ventilation pressure with a pressure control at the patient valve. This control further indicates blocked airways or a defective seal.



When **animax** is put on the patient the device automatically adjusts to the correct depth of pressure for the cardiac massage. Depending on the patient's chest size the adjustment automatically takes place by means of a staff.

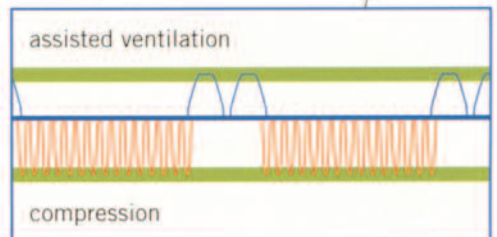


To locate the pressure point correctly and quickly there is an indicator, which shows the distance to the sternum. As for the correct location of the pressure point horizontally, it has become redundant since **animax** is equipped with a symmetrical width adjustment, i.e. the device is always in the middle of the patient's chest.



For ventilation **animax** uses surrounding air. However, oxygen can be added. The oxygen flow is retained by the reservoir bag from which **animax** sucks the appropriate respiration volume. The reservoir valve makes it possible to add regular air if the reservoir bag is not filled sufficiently or by contrast it also prevents the bag from becoming too full.

*Testing the **animax** on manikin makes its precise functioning evident.*



various examples of employment



fire department



work place



swimming pools



big events



boating, etc....

To make a mobile use independent of an energy source possible, **animax** works entirely on the basis of precise mechanics. The rescuer merely needs to move a lever. Eventual insecurities performing CPR on the rescuer's part is removed by **animax** because the machine does the work; however, the rescuer can feel the device performing the cardiac massage and the assisted ventilation through the lever. Alternation between cardiac massage and assisted ventilation happens automatically according to the two re-

scuer method. **animax** operates on the basis of the CPR method and is attached to the patient in approximately 20 sec. Depending on the patient's size of chest, **animax** automatically adjusts to the appropriate depth of pressure for the cardiac massage of that particular patient. This effectively protects the patient from rib fractures and other injuries. To keep the patient from being bloated, there is an integrated reduction of the ventilation pressure, and, in addition, a pressure control.



Technical and medical data:

group of patients:	adults
application:	by one person
weight of the animax :	9,3 kg
weight of the animax including bag and accessories:	13,5 kg
assembly time:	approx. 20 sec
combination bag:	bag functioning as a backpack
automatic alternation:	30:2
respiration volume:	0.75 l
dimensions of the animax (h / w / d):	39 cm / 52 cm / 19 cm

We reserve the right for technical and / or optical changes.