

# neoSAVE III™

## The flexible transport concept for neonatology

One of the great challenges in neonatology is the transportation of premature and new-born babies. It is important that the little patient be provided with an optimum of warmth and intensive care – and that the transportation be carried out safely, gently and quickly.

Be it in a rescue vehicle on the road or up in a helicopter, the neoSAVE III™ - the flexible transport concept for neonatology - combines specialised know-how from the rescue services with decades of experience in the development and manufacture of intensive care incubators.

### ■ Compatibility

Often enough, compatibility in the transportation of new-born babies has been a matter of strapping the transport system to the stretcher table with belts at the place of rescue and holding it down with raw, desperate effort.

Perhaps the helicopter conversion won't fit into the ambulance or rescue vehicle, or maybe the rescue services in the adjacent state even use a different kind of carriage? neoSAVE III™ - the flexible transport concept for neonatology - solves the problem for you, whether it's Bucher, Stollenwerk, Stryker, Ferno or standard DIN. We guarantee compatibility by means of tested and approved adaptor kits.

### ■ Modular design

neoSAVE III™ - the flexible transport concept for neonatology - is conceived in such a way that it can adapt to almost any transport variant. Whether it's a short stretcher in a helicopter, a transverse installation in a natal emergency vehicle or lengthwise in a normal rescue or emergency vehicle, just a few simple steps suffice to adapt the stretcher concept to the actual transport conditions. And even in the short version, all the necessary equipment is already on board. The components can be operated in even the most cramped conditions, and medical staff can keep a watchful eye on all the child's vital parameters.

### ■ Weight

Usually, transport incubators are gigantic monstrosities which can only be moved or loaded with great effort. Weights of between 120 and 160 kg are by no means out of the ordinary.

neoSAVE III™ - the flexible transport concept for neonatology - was developed with the ambitious aim of operating well below the 100-kg mark. What made it possible to achieve that aim was our determination to reduce equipment to what was really necessary and our use of innovative materials. In this way, helicopter transport can be carried out reliably in summertime too.

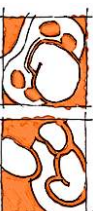
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### ■ Standardisation

neoSAVE III™ - the flexible transport concept for neonatology - is a strong safe, standardised transport concept for the tiniest of patients and those who look after them. It was developed to put an end to those haphazard combinations of devices which were more or less certified for use and more or less fit for transport. Wherever rescue work has to be carried out, clear structures and neat, no-frills design are the top priority when it comes to safe, fast, high-quality treatment.



## ■ Integrated child monitoring

The most important monitoring modules are already integrated in the basic version of Atom's V-808 transport incubator. Thanks to a pulse oximeter with Masimo technology, there is full monitoring of the child's heart frequency and oxygen saturation with alarms that can be set to cover the upper and lower limits. The oxygen content of the incubator and the child's skin temperature can also be displayed if desired. These performance features support the ambitions of **neoSAVE III™ - the flexible transport concept for neonatology**. Compactness and integration are the motto here.



## ■ Gas supply

In its basic version, **neoSAVE III™ - the flexible transport concept for neonatology** - is equipped with two 2-litre lightweight gas cylinders. An internal valve system ensures that gas is supplied either by the central system or from the cylinder, as necessary. In the long version, there is also the option of installing an additional NOX cylinder. Via the large opening at the side, the cylinders can be changed easily and without any special tools. Various different standard cylinders are available.

## ■ Power supply

**neoSAVE III™ - the flexible transport concept for neonatology** - has a power supply concept which is safeguarded in more than one way. The transport incubator itself has a rechargeable battery which ensures a power supply independent of the mains for approx. 15 minutes. A rechargeable battery integrated in the transport concept extends this range to approx. 90 minutes. The internal battery status display indicates how much operating time the system still has available. Optionally, additional peripheral systems can either be incorporated in the electrical design or equipped with individual power supply facilities independent of the mains. An automatic internal circuit registers the presence of a power source and switches over automatically to 12/24V or 230V operation as appropriate. In the 230V mode the batteries are charged automatically; in the 12/24V mode operation is covered via the external power source, i.e. the batteries are neither charged nor drained.

## ■ Artificial respiration

The standard version of the **neoSAVE III™ - the flexible transport concept for neonatology** - is equipped with the babyPAC B100, an emergency respirator with pressure and time controls. The babyPAC B100 is a compact, purely pneumatic system and can be used for children with a body weight of up to 20 kg. Thanks to its very low gas consumption, the babyPAC B100 is suitable for transportation within the hospital, and it can also be deployed safely in MRI respiration. Other respirators can be integrated on request.



## ■ Ordering information

Art.-Nr.: ATCM6635LV	LV modular interface transport incubator / carriage (long)
Art.-Nr.: ATCM6633	transport incubator Atom V-808 (basic device)
Art.-Nr.: ATCM6635	carriage Stollenwerk (please ask for current specifications)
Art.-Nr.: ATCM6636	carriage Stryker (please ask for current specifications)

*Our internal quality policy commits us to continual further development and product improvement. We therefore reserve the right to make alterations to products or their performance features without prior notice.*

If you require any more technical information please ask for the technical master data list.



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