Breathe easier

VENTILATION
ACCESSORIES FOR
ACUTE CARE MEDICINE

Dräger. Technology for Life®
Air to breathe – for you and your patients
Whether on an intensive care unit, in the operating room, or in the emergency department: To treat critically ill patients as gently as possible and to get them back on the road to recovery, you need medical devices you can rely on to help you perform your job safely and effectively. However: A device is only as good as the accessories needed to operate it.

**SOMETHING YOU CAN COUNT ON:**
**ORIGINAL VENTILATION ACCESSORIES FROM DRÄGER**

To ensure that our ventilation accessories provide optimal support for the device, the therapy it provides and the caregiver, we take just as much care during the specification and development phase as well as in the manufacturing process as we do with our medical technology devices.

This means: Accessories not only fulfill all relevant official quality standards. They also undergo strict testing to pass our own Dräger quality standards, so that the Dräger devices in your hospital can achieve the full performance they were designed to provide. Every day, they help you protect and save the lives of your patients.
The quality standards for Dräger ventilation accessories

A complete ventilation system – tested and approved

In acute care medicine, you want to care for your patients, not your equipment: All components of our ventilation accessories have been carefully tested, certified and approved for use with their corresponding devices and connections.

The right product for every patient

Dräger offers you not only device-specific accessories, but also ventilation consumables. Our accessory portfolio is so comprehensive that we can offer a solution for almost any application in connection with our medical devices: From expiration valves to HME and catheter mounts, from neonates to adults and for invasive and non-invasive therapy.

Less time, more safety

Thanks to their superior performance and ergonomics, ventilation accessories from Dräger help you improve workflow and patient care processes. That’s why our disposable accessories come with the same reliability as our reusable accessories.
MT-6073-2008

D-26365-2009

MT-2673-2008

CO₂ cuvettes

Breathing system filters and HME

MT-2759-2008

Breathing circuits

MT-2858-2008

Expiration valves

INTENSIVE CARE

MT-5836-2008

MT-4369-2009

MT-12219-2010

MT-18862-2010

e.g. Evita Infinity® V500

NEONATAL CARE

e.g. Babylog® VN500

e.g. Primus® IE

OPERATING ROOM

e.g. Oxylog® 3000 plus

EMERGENCY DEPT.

NIV and anesthesia masks

Catheter mounts
These valves let you catch

To ventilate patients for extended periods of time, you need more than just a dependable ventilator. You also need an expiration valve that reliably controls the respiratory phases and regulates PEEP (Positive End-Expiratory Pressure).

Expiration valves
For the Dräger Evita Family and the Dräger Savina

Dräger expiration valves were developed especially for use with Dräger ventilators – and to fit into your workflow. They let you precisely control inspiration and expiration phases of your patient. At the same time, they control the therapeutically relevant level of PEEP. You can count on Dräger expiration valves for your next patient as well: they can be quickly and easily exchanged.

- **Antenna**
  relays the RFID signal to other components (e.g. RFID-capable breathing hoses)

- **RFID Tag**
  stores product-specific data that can be used by Infinity ID devices

- **Detachable water trap**
  protects the expiration valve from water condensation
YOU CAN COUNT ON IT:

– simple and intuitive replacement

– easy assembly, connections
  clearly assigned, simple handling

– Infinity ID expiration valve with
  enhanced functions (in connection
  with the Dräger Evita Infinity V500 only):

  > compatibility control

  > exchange monitoring

– pneumatically and electromagnetically
  controlled valves available
  (depending on the Dräger
  ventilator used)
When expired air leads to condensation in the breathing hose, bacterial contamination or damage to the hose can result and the hose must be replaced.

**Breathing circuits**  
Dräger VentStar® and Infinity® ID

Dräger offer you a complete portfolio of breathing circuits in a range of designs for all Dräger ventilators, therapeutic applications, patient groups and care situations.
YOU CAN COUNT ON IT:

- PVC-free
- latex-free

- the right system for every challenge:
  > economical standard solutions made from high-quality materials
  > inspiratory or dual-heated breathing system hoses
  > individually extendable, flexible hoses
  > coaxial breathing system hoses (hose in hose)
  > water trap breathing hose systems
  > Infinity ID breathing hose systems
  > many hoses also available especially for neonatal applications
Filter out risk from the very start.

Ventilating patients for long periods of time can be risky. Dry air can damage bronchial self-cleansing mechanisms, and the danger of infection increases.

**Breathing system filters and HME**

Dräger HumidStar®, CareStar®, SafeStar® and TwinStar®

Dräger offers a range of breathing system filters for different therapeutic applications and patient groups: From the HME, which reliably holds in moisture and warmth, to pure filtration systems, and on to combination filter HME systems, which are suited for both tasks.

- **Standard connectors** for safe connections to all other components (e.g. hoses or masks)
- **Transparent casing** for easy filter inspection
- **Clear labeling and color coding** to select the right filter quickly and easily
- **Luer-Lock connector** Sample port at a practical 45° angle: for comfortable sampling as close to the patient as possible
- **Sample port cap connector** prevents loose parts from falling into the hose system
YOU CAN COUNT ON IT:

– PVC-free
– latex-free
– a solution for every patient group - from infants to adults
– highly flexible system configuration: Available as straight or angled model
– protects the ventilator: CareStar and SafeStar filter can also be used on the ventilator (on both inspiratory and expiratory connections)
A reliable sensor for your patients’ well-being

Is the tube placement correct? How effective is CPR? To adjust ventilation settings optimally for each patient, you have to react to changes in breathing patterns and pulmonary perfusion.

**CO₂ cuvettes**  
For all Dräger ventilators

CO₂ cuvettes from Dräger are designed and approved for use Dräger ventilators. They not only work reliably with the device, but also with you: helping you to provide quality care.

- Transparent casing
  - Capnogram easily visible

- Distinct color coding
  - Easier to select, no mix-ups (adult and pediatric, disposable and reusable models)
A reliable sensor for your patients’ well-being

Dräger Disposable CO₂ cuvette

for adult applications

for pediatric applications

YOU CAN COUNT ON IT:

– only one cuvette for all Dräger ventilators: no need to exchange the cuvette when a patient is transferred from the emergency room

– practical: after use, the cuvette is disposed of together with the entire breathing hose system

– the right CO₂ cuvette for adult and pediatric applications

– extremely robust

– weighs less than 7g: almost no additional weight on the tube

– compatible with any other Dräger sensor
Intubated patients are difficult to move, and any manipulation can cause their condition to deteriorate.

**Catheter mounts**

**Dräger ErgoStar®**

Tube extensions and airway connectors make it easier for you to safely move adult and pediatric patients. They are very easy to use and help keep your hands free for your patients.

- **Device-sided 22F/15M connector**: 2-in-1 solution with less dead space
- **External spiral**: prevents kinking and blockage, offers maximum flexibility and is very lightweight
- **Luer-Lock connector**: Sample port at a practical 45° angle: comfortable gas sampling as close to the patient as possible
- **Dual-rotational connector**: minimizes traction and torque on the tube
- **Dual cap design**: enables suction and bronchoscopy without loss of PEEP
more room – to care

YOU CAN COUNT ON IT:

- PVC- and latex-free
- smooth surfaces for low gas flow resistance
- standard connectors for secure connections to other components
- improved workflow thanks to single-use design
- available in a range of lengths and with very small dead space (16 ml) for pediatric patients
- red safety cap (on every product): The system is totally closed and protected until use directly on the patient
For NIV and anesthesia masks to function properly, they have to fit the patient’s face perfectly.

**NIV masks**

Dräger NovaStar® TS, ClassicStar®

Comfortable and easy to use: Dräger face masks were specially developed for gentle non-invasive ventilation. They cover nose and mouth completely and support effective non-invasive therapy.

**Anesthesia masks**

ComfortStar® and LiteStar®

Patient comfort is also a top priority for our anesthesia face masks. The drop- and round-shaped designs fit any anatomy and ensure an optimal seal.

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**Bendable forehead cushion with silicone gel pad**

to stabilize the mask and distribute the pressure from the nasal bridge to the forehead

**Bendable ring**

define and stabilize the mask and distribute the pressure from the nasal bridge to the forehead

**Magnetic clasps**

simple and comfortable NIV mask application thanks to auto-adjusting magnetic clasps that can be quickly opened in an emergency

**Adjustment wheel**

stepwise adjustment of the forehead brace for a comfortable position

**Flexible elbow connector**

rotates full 360°
YOU CAN COUNT ON IT:

- facial and nasal masks (available in ventilated and non-ventilated versions)
- wide range of sizes for different facial contours
- available together with the mask and separately: the Dräger facial template

Nasal CPAP
Dräger BabyFlow®

Patient comfort, efficiency and cost-effectiveness: The Dräger BabyFlow nCPAP interface represents the cutting edge of medical technology. It not only provides effective therapy, but also protects them from the potential complications of intubation.
Preparing a ventilator for the next patient is a time-consuming task: Choosing the right size mask, gathering separate components from different manufacturers from the various shelves of perhaps several storage rooms – and then making sure that everything fits and works.

Packaged accessories
Dräger Pack2Go®

With Pack2Go, we have put together complete accessory packages for a number of Dräger devices (Evita family, Savina, Carina, Oxylog 3000/300plus as well as for the anesthesia platforms Fabius and Primus). In just a few minutes, you have everything up and running – with high-quality accessories that have been tested for use with Dräger devices.
YOU CAN COUNT ON IT:

– everything from a single source: The right ventilation accessories for your Dräger ventilator

– saves time and effort: all components available for use in a single step

– hygienic: clinically clean disposable accessories can help reduce the possibility of cross-contamination (i.e. VAP)

– large selection: the right package solution(s) for every Dräger ventilator
### DRÄGER EXPIRATION VALVES

- **For the Dräger Evita family**
  - Expiration valve
  - Infinity® ID-expiration valve *(V500 only)*

- **For the Dräger Savina**
  - Expiration valve

### DRÄGER BREATHING CIRCUITS

#### Standard breathing hose systems
- VentStar® Basic
- VentStar® Basic (P)
- VentStar® Basic (N)

#### Heated breathing hose systems
- VentStar® heated
- VentStar® heated (N)

#### Dual-heated breathing hose systems
- VentStar® dual-heated

#### Flexible breathing hose systems
- VentStar® Flex

#### Coaxial breathing hose systems
- VentStar® Coax

#### Water trap breathing hose systems
- VentStar® Water trap

#### Infinity® ID-Breathing hose systems
- Breathing hose system smooth inside
- Breathing hose system Basic
- Breathing hose system heated
- Breathing hose system dual-heated
- Breathing hose system Flex
- Breathing hose system Coaxial
- Breathing hose system Water trap

### Oxylog breathing hose system
- VentStar® Oxylog 1000
- VentStar® Oxylog 2000
- VentStar® Oxylog 3000

### DRÄGER BREATHING SYSTEM FILTERS AND HME

- Heat and moisture exchangers (HME) protects from the drying – without bacterial or viral protection:
  - HumidStar®

- Breathing system filters with bacterial and viral protection without moisturizer:
  - CareStar®, electrostatic filter
  - SafeStar®, mechanical filter

- Breathing system filter with bacterial and viral protection and moisturizer:
  - TwinStar®, electrostatic filter with HME
  - TwinStar® Hepa, mechanical filter with HME

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Many disposable ventilation accessories are available in reusable form.
## DRÄGER CO₂-CUVETTES

For adults
- Standardized for all applications

For children
- Breathing resistance: 2.4 mbar, dead space volume: < 4.5 ml

## CATHETER MOUNTS AND AIRWAY CONNECTORS

### Smooth-wall tube extensions
- ErgoStar® CM 40

### Variable tube extensions
- ErgoStar® CM 50

### Airway connectors
- ErgoStar® AC 90

## DRÄGER NIV AND ANESTHESIA MASKS

### NIV facemasks with silicone cushion
- NovaStar® SE (reusable)
- NovaStar® AAV (reusable)

### NIV facemasks with air cushion
- ClassicStar® SE (disposable)
- ClassicStar® AAV (disposable)

### NIV nasal masks with air cushion
- ClassicStar®, non-ventilated (disposable)
- ClassicStar®, ventilated (disposable)

### Anesthesia masks
- ComfortStar®
- LiteStar®
- Silicone masks

### Nasal CPAP
- BabyFlow®