



# Dräger Area Control Unit Vi Medical Gas Management Systems

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The Area Control Unit Vi monitors and controls medical gas and vacuum pressures for individual hospital departments. In addition, it offers a complete range of consumption monitoring and alarm management integration options.

# Benefits

## Reliable monitoring of gas pressures

The Area Control Unit Vi (ACU) serves as a shut-off valve control unit for departmental control of gas distribution for maintenance or emergency situations.

- Pressure sensors electronically monitor all gas pressures. Optical and acoustic alarm functions immediately indicate any malfunction. Pressures are displayed independent of the power supply.
- From one to five gases including vacuum lines can be routed through the ACU, depending on your individual needs.
- With its modern and simple product design, the ACU blends harmoniously into its surroundings
- Pressure levels, operating and alarm signals can always be clearly identified thanks to the user-friendly display.
- Medical Device in accordance with Medical Device Regulation (MDR)

## Enabling Customisation

In order to drive your efficiency, it's important to let you configure our solutions exactly according to your individual needs. In that way, you can make sure that your available budget is used optimally.

### Customer-individual configuration

- Configuration for 1 – 5 gases, plus flow measurement
- Up to 3 gases with 22mm
- Mounting options: Flush-mounting and surface mounting options, as well as in fire protection box
- Design options: match to hospital CI with the help of individual screensaver

### Enabling future technological adaptations

- Increased constructed size with space buffer for optional hardware enhancements without the need to completely replace the unit

### Remote Monitoring Options

- Connection to Dräger Alarm Management System: alarms can be shown on various selected displays and be transmitted to external systems. Any alarm in any hospital department can then be displayed and all alarm signals and analog pressure measurements can be transferred to a central monitoring system.
- Integration into the GMS Analytics\* dashboard

\* GMS Analytics is a software application providing analysing options for the central medical gas supply in addition to a monitoring and alarm system, and is not classified as a medical device.

# Benefits

## Enhanced Safety

There can be no compromise when it comes to the reliable gas supply for patients. A safe and easy monitoring of the most important gases is therefore essential in every care unit.

Simple and clear presentation of values

- In a stressful work environments, it is essential to have easy-to-use devices which don't interfere with your daily routines and help you run your care unit a bit more safely.
- High quality IPS display with good color contrast and viewing angle stability lets you read the values comfortably at any time
- A user-friendly GUI with clearly structured content and highlighting of critical pressure values help to understand the information quickly and make the right choices
- Value tolerance overview help to predict potential alarm conditions
- LED indicators present information regarding the operating status at any time

Further safety features

- Both an emergency access button, and the integration into our Alarm Management system, provides you with even more safety for your daily working routines.
- In case of emergency, the door of the Area Control Unit can be opened by pushing in the emergency access button. The clearly organized valves can then be quickly and safely shut off. If the gas supply has been interrupted, the emergency inlets can be used to connect local external gas sources.
- Through the integration of the ACU into the alarm management system, alarms can be shown on various selected displays and be transmitted to external systems.
- An integrated door opening alarm with visual and audible signalling informs, if any unauthorized opening of the door occurred.

## Facilitating Infection Prevention

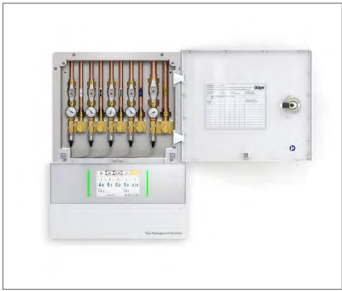
Nosocomial infections have increased in hospitals, so that infection prevention becomes more and more important to maintain patient safety. All Dräger products are therefore designed with hygiene in mind.

Easy-to-clean design

- Smooth surfaces with a minimum of gaps or slots
- No accumulation of dust / dirt or liquids
- Flush-mounted glass display for easy wipe-down
- Compatible with several validated disinfectants

# Details

D-11901-2024



D-11902-2024



D-11893-2024



D-11891-2024



D-7952-2025



D-7995-2025



# Services

The logo for Dräger Services, featuring the word "Dräger" in white and "Services" in light blue, set against a dark blue background.

## Dräger Services

D-9836-2024

### Dräger Services

We support you with a complete solution approach: Our medical devices, services, accessories and digital solutions work in sync to improve acute care.

Medical equipment performs at its best when it is correctly and regularly maintained. With our Dräger manufacturer service and original spare parts you can rely on product longevity and efficiency. Find out more about the high quality of service that only we as a manufacturer can offer.

The logo for the Connectivity Package, featuring the words "Connectivity" in white and "Package" in light blue, set against a dark blue background.

## Connectivity Package

D-9835-2024

### Connectivity Package

The Connectivity Package turns your medical device data into meaningful insights to improve clinical outcomes, increase workflow efficiency, facilitate cybersecurity and to build the foundation for the hospital of tomorrow. Our package enables the connected maintenance of your fleet and is your gateway to digital applications and services. The Connectivity Package bundles the tools required to establish the connectivity of your Dräger devices for Hospital Data Analytics and further Digital Solutions.

# Related Products

D-12441-2016



## Medical Compressed Air Systems

Dräger has been building central compressed air systems for hospitals, clinics and private practices for over 50 years. Today's systems comply with all relevant standards and deliver an air quality defined in the European Pharmacopeia.

D-11889-2024



## Dräger Gas Control System Vi

Cylinder manifolds are an important element of gas management in hospitals. They ensure the supply with medical gases and control the gas pressure. The core of the system is the Gas Control Station Vi, which is a complete facility system with solutions for various medical gases, flow rates, control and alarm functions and equipment.

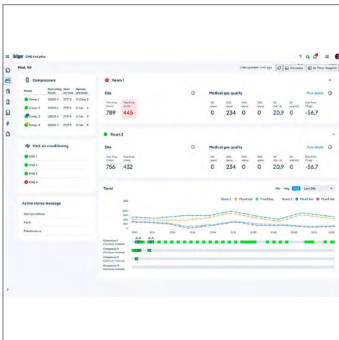
DL-15503-2017



## Alarm Management System

Dräger's Alarm Management System is a surveillance system that provides personnel with clear and precise information on all aspects of your medical gas supply system.

D-15748-2025



## GMS Analytics

GMS Analytics lets you record, visualise and analyse the central medical gas supply in your hospital. The GMS Analytics Dashboard gives you a clear overview of the Gas Management System's current status. Trend projections for collected data help you monitor the system efficiently and helps to optimise processes and staff organisation.

# Technical Data

Dimensions	481,8 mm x 665 mm x 17,5 mm (B x H x W)
Medical gas valve groups	DN 15 (15 mm) / DN 22 (22 mm)
Vacuum valve group	DN 22 (22 mm)
Power supply	230 V
Components	<ul style="list-style-type: none"><li>• Medical gases (O<sub>2</sub>, AIR, Air 800, N<sub>2</sub>O, CO<sub>2</sub>)</li><li>• Vacuum</li></ul>
Connectivity	<ul style="list-style-type: none"><li>• Potential-free contacts (relay modules)</li><li>• Dräger Alarm Monitoring System</li></ul>

## Digital display

Size	7"
Typ	IPS Panel
Resolution	800x400
Colors	RGB
Classification	in accordance with European Regulation MDR (EU) 2017/745 Class IIb

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