

Area Control Unit

Area Control Units from Dräger monitor the medical gas and vacuum pressures of all functional departments within the hospital.



Gases to individual departments can be shut off for maintenance work or in case of emergency.

- 1 to 5 gases with minimal space requirements
- Patented emergency access button
- Electronic pressure sensor
- Component of the Dräger Alarm Management System
- Modular design for attaching to external monitoring systems
- Transmission of all alarm messages and pressure measurements
- Variable alarm levels
- Compliance with EN ISO 7396-1

SMART DESIGN

The Area Control Units are suitably integrated both technically and optically in each hospital department. The display unit can be individually labeled with the gas type and the department being monitored. Pressure measurements, as well as operating and alarm signals can always be clearly identified.

MULTIFUNCTIONAL USE

It makes no difference whether one or five gases are installed – the Area Control Units can be equipped with all medical

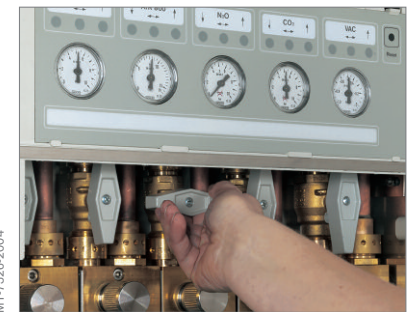
gases and vacuum to meet the customer's requirements. The compact base manufactured from stainless steel can be easily integrated in modern lightweight walls or mounted in or on conventional walls.

USE IN CASE OF EMERGENCY

In case of emergency, the door of the Area Control Unit can be opened by striking the emergency access button. The clearly organized valves can then be quickly and safely shut off. If there is an interruption in the gas supply, the emergency inlet is used to maintain the supply.

RELIABLE MONITORING

Pressure sensors electronically monitor all gas pressures. Optical and acoustical alarm functions immediately indicate any abnormalities. Pressures are also displayed by means of a manometer – independently of the power supply. The analog pressure values can be transferred to an external system.



The valves can be shut off quick and safely.

FLEXIBLE INTEGRATION

The Area Control Unit can be equipped with various interface modules that transfer the alarm and pressure measurements to an external system. Relay modules ensure potential-free contacts for each alarm signal.

The alarm system interface integrates the Area Control Unit into the Alarm Management System. That way, any alarm in any hospital department is displayed, and all alarm signals and analog pressure measurements can be transferred to a central control system.

TECHNICAL DATA

Dimensions (mm):	Valve box base: 430x92x430 (BxWxH) Valve box top: 452x52x452 (BxWxH)
Medical gas piping	DN15
Vacuum piping	DN 22
Power supply	230 V
Components	<ul style="list-style-type: none"> - Medical gases (O₂, AIR, N₂O, CO₂) - Compressed air to run medical tools - Vacuum
Alarm system-Interfaces	<ul style="list-style-type: none"> - Potential-free contacts (relay modules) - Dräger Alarm Monitoring System - Display of pressure measurements on a building management system



Patented emergency access button ...



... for quick opening of the door.

HEADQUARTERS

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The quality management system at Dräger Medical GmbH is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).