

## MEV 8000

The comfortable medical supply unit

**modul**  
technik GmbH

*medical  
supply systems  
and equipment*

# Medical Supply Unit MEV 8000

## Fine surface finish with wood veneer or high pressure laminated slabs

- The medical supply unit **MEV 8000** can be fitted with an equipment carrier system (project-oriented). Due to these vertical, swivelling carrying tubes the **MEV 8000** meets the demands of comfort, flexibility and optimum supplying in all application areas for normal and intermediate care.



MEV 8000-B

fig. 2



MEV 8000-B

fig. 3

### ■ Optional Equipment Monitoring/Communication Technology

- Specialist firms offer connection facilities for monitors and patient-monitoring systems. It is, however, possible to make the necessary preparations for the **MEV 8000** system (normally made available to **modul technik GmbH**) in our factory. The connection of monitoring systems falls beyond the service range of **modul technik GmbH**, due to the fact that a higher level of operational safety calls for cables to remain uncut. Plug devices and sockets for communication made available to **modul technik GmbH** are installed in our factory in accordance with the instruction of the specific manufacturer.

## ■ Optional Equipment Power Current Technology

- The medical supply unit **MEV 8000** comes equipped with safety sockets (230 V/16 A with control light) as standard. Number of sockets and type of circuit of the build in elements as well as the mains supply will be considered according to each project.
- According to customer specifications further elements can be built in. Electrical connecting block is built in at works and is wired up to the electrical components.

## ■ Optional Equipment Lighting Technology

- In the standard version, the **MEV 8000** system is produced without lighting. A range of different products are available for indirect room lighting, night light and reading light options.
- The lighting modules comply with **DIN 5035-3** (Interior room lighting by artificial light and hospital lighting) and also **EN ISO 11197:2005**. They also fulfil the necessary quality criteria. Lighting modules for operation in rooms of user classification group 1(2) are normally fitted with a low emissions leakage choke.

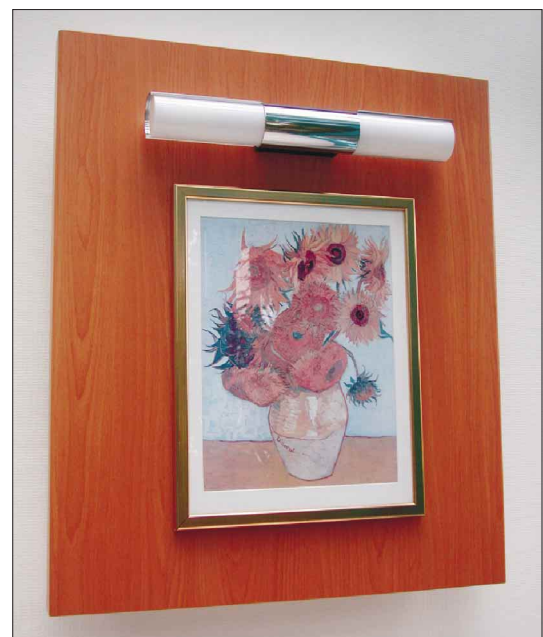


MEV 8000-B

fig. 4

## ■ Optional Equipment Medical Gas Technology

- The terminal for the med. gas supply (provided at the time of manufacture) is accessed via the central connection point. The media terminal is normally accessed via the intermediary cover or rear, directly into the respective med. channels. The supply can be effected using a pre-installed sub-surface frame. The copper pipes installed within the vertical systems comply with the quality requirements governing med. gases in accordance with **DIN EN 737-3**.
- The systems are delivered project-oriented and ready for use, with in-built outlet points in accordance with **DIN EN 737-1**. The installation of each of the following currently available products, such as DRÄGER, GREGGERSEN, HEYER, MEDAP is also possible (country-specific products may be installed in projects for use in other countries). The decision to install a single- or dual circuit system is undertaken by the technical planner with respect to each project individually.



MEV 8000-B

fig. 5

## ■ Technical Data and Instructions MEV 8000

### □ Classification

- II b

### □ Electrical Data

- **Nominal voltage:** 230 V AC
- **Nominal frequency:** 50 Hz
- **Operating mode:** continuous operation
- **Protection class:** Protection class 1
- **Type of protection:** closed design
- **Heavy current connection:**

For the connecting of the cables (on site) there are screw less connectors for cables of up to 2.5 mm<sup>2</sup>. The following connection possibilities for potential compensation with a protective connector block are at your disposal:

1 x max. 16 mm<sup>2</sup>  
n x max. 4 mm<sup>2</sup>

### □ Operating pressures for med. gases (outlet points in accordance with DIN EN 737-1, -3)

- **Oxygen:** 5 bar
- **Compressed air:** 5 bar
- **Vacuum:** - 0,8 bar

□ The Medical Supply Unit, type **MEV 8000**, is produced in accordance with the recognized technological regulations and in particular with the current regulations regarding medical supply units stipulated under **EN ISO 11197:2005** and other norms mentioned here.



fig. 6



fig. 7

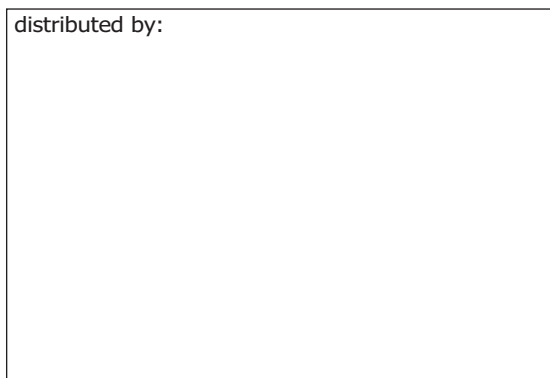
The quality management system of **modul technik GmbH** is certified according to **DIN EN ISO 9001:2000**, **DIN EN ISO 13485:2001**, Appendix II of guideline 93/42/EWG (medical products).

**modul**  
technik GmbH

medical  
supply systems  
and equipment

Rudolf-Diesel-Straße 5  
D-56410 Montabaur  
(Industriegebiet)  
Tel.: (+49)2602/9449-0  
Fax: (+49)2602/9449-11  
e-mail: info@modul-technik.de  
www.modul-technik.de

distributed by:



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