

*** For display in the ambulance station ***

Information on undetected leakage during ventilation with MEDUMAT Standard²

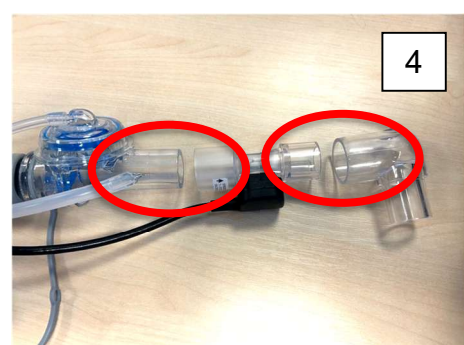
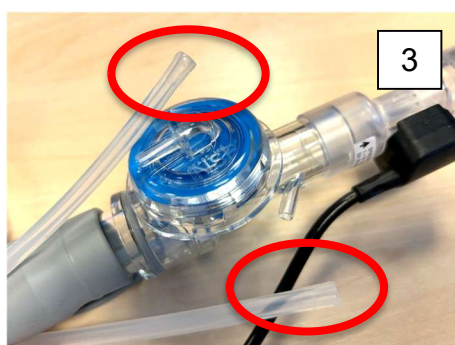
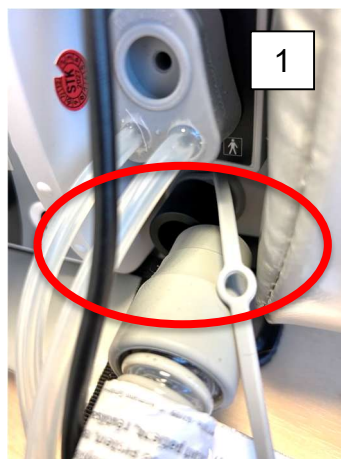
Description of problem and cause

During patient ventilation, leaks and disconnections may occur. These can be caused by movement or accidental manipulation.

Leaks may prevent the patient from receiving ventilation as set by the user. If a disconnection occurs in the breathing circuit or between the ventilator and the patient, effective ventilation cannot be delivered. This may expose the patient to life-threatening injuries.

During ventilation, leaks and disconnections may occur at the following points between the ventilator and the patient:

- Leak during mask ventilation
- Leak in the airway device
- Leak or disconnection at the breathing circuit, e.g.:
 - Connection for ventilation hose (image 1)
 - Measuring circuit connector (image 2)
 - Ventilation hose
 - PEEP control tube (image 3)
 - Pressure measuring tube (image 3)
 - FlowCheck sensor (image 4)
 - CO₂ measuring tube
 - Elbow (image 4)
 - Breathing system filter



Measures during ventilation

Observe the safety information in the instructions for use and perform a function check before each use.

During ventilation, watch for leaks and disconnections, and pay close attention to any alarms that indicate these issues.

The following **high-priority alarm (red)** may indicate a major leak or a life-threatening disconnection:

- Airway pressure low



The following **high-priority alarms (red)** may also indicate leaks or life-threatening disconnections:

- Apnea (during non-invasive ventilation)
- MVe low (only devices with flow measurement)
- Leak on patient side (only with CCSV option)

The following measured values may indicate a leakage or a disconnection:

- Low or no expiratory tidal volume (Vte)
- Low or no expiratory minute volume (MVe)
- Little or no pressure built up (pressure curve or pressure gauge)

For more information, please refer to the instructions for use.

This is also available on our website www.weinmann-emergency.com.