VBM Cuff Pressure Gauge

Ventilator-associated pneumonia (VAP) is the leading nosocomial cause of mortality in the Intensive Care Unit and has significant impact on hospital costs and length of stay. A leading cause of VAP is micro-aspiration of potentially infectious secretions through gaps in the endotracheal tube cuff. The cuff seal is the final barrier that protects the lungs from aspiration of potentially infectious oropharyngeal secretions. The use of VBM Cuff Pressure Gauges in combination with High Volume Low Pressure Cuffs can reduce micro-aspiration and prevent VAP from occurring in the first place.

- reduces the risk of pressure necrosis and mucosal ischemia
- the risk of aspiration with the possibility of pneumonia can largely be avoided
PRODUCT DETAILS

GREEN RANGE
ideal cuff pressure for the best compromise between the risk of aspiration and ischemia

RELEASE VALVE & HOOK
• pressure increase due to the diffusion of anesthetic gases can be adjusted with the red release valve
• hook fits into standard rail

LUER CONNECTION
for connection to the tracheal tube allowing pressure measuring and regulation

INFLATION BULB
ergonomic design

VACUUM VALVE
for connection to the tracheal tube allowing a complete deflation of the cuff by squeezing the inflation bulb

CONNECTING TUBES
used as extension between Cuff Pressure Gauge and Tracheal Tube

<table>
<thead>
<tr>
<th>Length</th>
<th>REF</th>
<th>Box</th>
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<tbody>
<tr>
<td>100 cm</td>
<td>54-05-112</td>
<td>10</td>
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<tr>
<td>200 cm</td>
<td>54-05-113</td>
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**ORDER INFORMATION**

**Monitor**
Ø 68 mm scale

REF 54-05-000

**Universal**
Ø 68 mm scale
Scala with two green ranges
• for tracheal tubes (22-32 cmH₂O)
• for Laryngeal Tubes and Laryngeal Masks (60-70 cmH₂O)

REF 54-07-000

**Pocket**
Ø 50 mm scale

REF 54-04-000

**Variabel**
Ø 50 mm scale
• with adjustable pointer
• Scale in cmH₂O and mmHg
especially for silicone ET Tubes with higher gas permeability

REF 54-06-000

**Sensitive**
Ø 50 mm scale

<table>
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<tr>
<th>Version</th>
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<tr>
<td>with hook</td>
<td>54-03-001</td>
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<tr>
<td>without hook</td>
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**Pediatric**
Ø 50 mm scale
Pressure range 0-60 cmH₂O

REF 54-02-001
CUFF CONTROLLER

Automatic Cuff Pressure Gauge for tracheal tubes with high volume, low pressure cuffs

• allows to seal with lowest pressures to reduce the risk of mucosal ischemia and pressure necrosis
• set pressure is automatically maintained
• Compensates leaks (pressure drop > 1 cmH₂O) to reduce the risk of aspiration with the possibility of pneumonia
• Pressure increase due to the diffusion of anesthetic gases is released to the set value
• Alarm system in case of leaks or disconnection
• Auto-Set Function inflates cuff automatically to 25 cmH₂O (adult) / 10 cmH₂O (pediatric)
• Pressure changes through touch pads
• Large LCD Display is easy to read
• Battery back-up in case of power failure
• Pressure can be changed between cmH₂O and mmHg
• Universal Clamp for fixation to the standard rail

ODER INFORMATION

Cuff Controller
with battery, universal clamp and connecting tubing (200 cm)

<table>
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<tr>
<th>Patient</th>
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<tbody>
<tr>
<td>Adult, pre-adjusted to 25 cm H₂O</td>
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<tr>
<td>Child, pre-adjusted to 10 cm H₂O</td>
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