

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

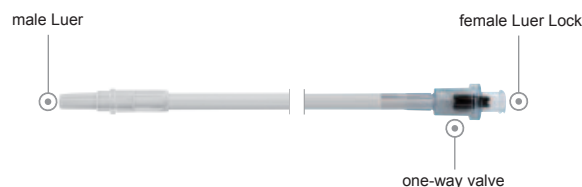
Connecting Tube

Length	REF	Box
100 cm	54-05-112	10
200 cm	54-05-113	10



Connecting Tube with one-way valve

Length	REF	Box
200 cm	54-05-114	10



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

Version	REF
with hook	54-03-001
without hook	54-03-000



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 > 1cmH₂O) 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



ORDER INFORMATION

Cuff Controller

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

Patient	REF
Adult, pre-adjusted to 25 cm H ₂ O	55-13-500
Child, pre-adjusted to 10 cm H ₂ O	55-13-501