



GIBECK HUMID-VENT® Heat & Moisture Exchangers

AT A GLANCE

- high humidification performance combined with low resistance to flow
- small and lightweight
- for lower tidal volumes
- broad variety of HMEs
- small and paediatric versions
- latex- & PVC-free
- non-DEHP
- sterile (Micro) / sterile or clean (Mini, Humid Vent 1)
- single use
- individually packed

A WIDE RANGE OF PERFORMANCE CAPABILITIES FOR ANAESTHESIA, THE ICU AND EMERGENCY CARE

Teleflex's GIBECK brand HMEs feature a specific hygroscopic, bacteriostatic microwell paper that combines high humidification performance with very low resistance to flow.

A large variety of different products means the patient can be provided with the size, tidal volume and level of humidification that is best suited to him. The Humid-Vent HME range comprises a standard (Humid Vent 1), a Mini and a Micro version.

HUMID-VENT® 1

The original Humid-Vent® 1 has been used in hospitals worldwide for over 25 years. The Humid-Vent® 1 is straight and available with or without a CO₂ port. Its use is recommended for adults and children receiving anaesthesia, as well as for children in the ICU.

HUMID-VENT® MINI

Designed for neonates and babies, the Humid-Vent® Mini has a dead space of only 2.4 ml and can be used when tidal volumes of 15-50 ml are required.




HUMID-VENT® MICRO+

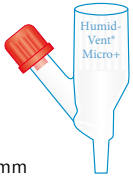

The unique Humid-Vent® Micro+ has been especially designed for neonates. It replaces the ET-tube connector for sizes 3.0 mm and 3.5 mm. The combination of HME and tube connector reduces the dead space to only 2.7 ml. The port allows easy access for suctioning, instillation of surfactants and CO₂ sampling.

HUMID-VENT HEAT AND MOISTURE EXCHANGER

Gibeck

Product information

| | HUMID-VENT® 1 | | HUMID-VENT® MINI |
|--------------------|--|---|---|
| |  |  |  |
| | straight | CO ₂ port | |
| REF. | 11111 (sterile) 11112 (clean) | 11132 (clean) | 10011 (sterile) 10012 (clean) |
| DEAD SPACE | 10 ml | 14 ml | 2.4 ml |
| WEIGHT | 9.4 g | 11.6 g | 4.5 g |
| CONNECTORS | 22 M / 15 F - 15M CO ₂ connectors ISO 594-1/594-2 | | 22 M / 15 F - 15M |
| MEDIUM | hygroscopic and bacteriostatic microwell paper | | hygroscopic and bacteriostatic microwell paper |
| TIDAL VOLUME | 50 - 600 ml | | 15 - 50 ml |
| RESISTANCE TO FLOW | at 20 l/min., 0.3 cm H ₂ O at 40 l/min., 0.7 cm H ₂ O | | at 5 l/min., 0.6 cm H ₂ O |
| MOISTURE OUTPUT | 29 mg H ₂ O/l at V _T 300 ml 24 mg H ₂ O/l at V _T 600 ml | | 30 mg H ₂ O/l at V _T 20 ml |
| QTY (BOX/CASE) | 500 / 50 | 250 / 25 | 300 / 30 |

| | HUMID-VENT® MICRO+ | |
|--------------------|--|---|
| |  |  |
| | 3.5 mm | 3.0 mm |
| REF. | 10131 (sterile) | 10121 (sterile) |
| DEAD SPACE | 2.7 ml | |
| WEIGHT | 4.3 g | |
| CONNECTORS | 3.5/15 mm (red) 3.0/15 mm (blue) | |
| MEDIUM | hygroscopic and bacteriostatic microwell paper | |
| TIDAL VOLUME | 10 - 50 ml | |
| RESISTANCE TO FLOW | 3.5 mm: at 5 l/min, 1.1 cm H ₂ O 3.0 mm: at 5 l/min, 1.8 cm H ₂ O | |
| MOISTURE OUTPUT | 32.5 mg H ₂ O/l at V _T 10 ml 32.0 mg H ₂ O/l at V _T 20 ml | |
| QTY (BOX/CASE) | 100 / 10 | |

DISTRIBUTED BY:

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