

BACTERIAL FILTERS

Filters are intended to be replaced at least once every 24 hours. Bacterial Filters are using with breathing circuits during anesthesia and ventilation operations to avoid risk of bacteria and viruses before they enter a patient's airway. Without them patient can be risk for infection.

■ MN 136 Bacterial Filter *Bakteri Filtresi*



TECHNICAL PROPERTIES

Tidal Volume(ml)	: 150-1500
Dead Space(ml)	: 33
Bacterial-Viral Efficiency	: >99,9999%
Viral Efficiency	: >99,999%
Resistance to Flow	: 30 lt/min 4,3 mm H ₂ O
	60 lt/min 12 mm H ₂ O
	90 lt/min 25 mm H ₂ O
Weight (gr)	: 19
Fittings (ISO Connectors)	: 22M-15/22MF
CO ₂ sampling port	

■ MN 137 Bacterial HME Adult *Bakteri Filtresi, Nemli, Yetişkin*



With foam

TECHNICAL PROPERTIES

Tidal Volume(ml)	: 150-1500
Dead Space(ml)	: 53
Bacterial-Viral Efficiency	: >99,9999%
Viral Efficiency	: >99,999%
Resistance to Flow	: 30 lt/min 9,4 mm H ₂ O
	60 lt/min 23,2 mm H ₂ O
	90 lt/min 42 mm H ₂ O
Weight (gr)	: 30
Fittings (ISO Connectors)	: 22M - 15/22MF
Humidification Efficiency	: 36,8 mg/l H ₂ O (500ml tid. vol)
CO ₂ sampling port	



With paper

■ MN 137 - 01 Bacterial Filter HME Pediatric *Bakteri Filtresi, Nemli, Pediatrik*



TECHNICAL PROPERTIES

Tidal Volume(ml)	: 150-300
Dead Space(ml)	: 12
Filtration Efficiency	: BFE 99,9999%; VFE 99,9999%
Humidification Efficiency	: 24 mg/l H ₂ O (500 ml. tid. vol.)
Resistance to Flow	: 30 lt/min 13 mm H ₂ O
Weight (gr)	: 13,5
Fittings (ISO Connectors)	: 22F-22M/15F
CO ₂ sampling port	

■ MN 137 - 02 Bacterial Filter HME Infant *Bakteri Filtresi, Nemli, Yenidoğan*



TECHNICAL PROPERTIES

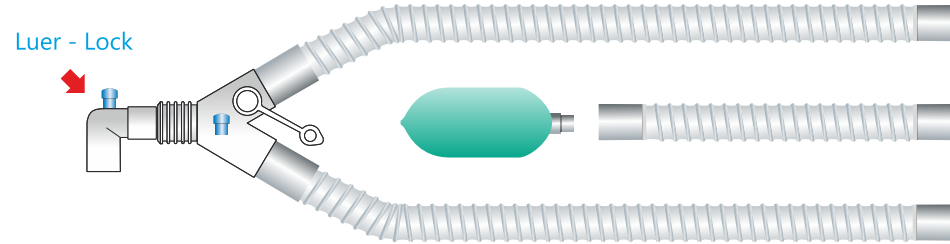
Tidal Volume(ml)	: 70-150
Dead Space(ml)	: 8
Filtration Efficiency	: BFE 99,9999%; VFE 99,9999%
Humidification Efficiency	: 24 mg/l H ₂ O (500 ml. tid. vol.)
Resistance to Flow	: 30 lt/min 13 mm H ₂ O
Weight (gr)	: 8
Fittings (ISO Connectors)	: 15F-15M/8M
CO ₂ sampling port	

*All type of circuits (Silicone, Hytrel, Extendible, PE Corrugated, Metallocene, PVC Smoothbore) have same properties with MN 100 series.
Please select your required size from MN 100 series and inform us name of tube material.*

*Bütün devreler (Silikon, Hytrel, Uzayabilen, PE Corrugated, Metallocene, PVC Smoothbore) MN 100 serisi ile aynı özelliklere sahiptir.
Lütfen siparişlerinizde MN 100 serisindeki kod numaralarının önüne istemiş olduğunuz hortum modelinin cinsini belirtiniz.*

Anesthesia Circuit with 100 cm. extra limb & Rebreathingbag

Anestezi Devresi 100 cm. ara uzatmalı ve Balonlu



Adult | Yetişkin

MN 100-11	1.00 m.
MN 100-12	1.20 m.
MN 100-13	1.50 m.
MN 100-14	1.80 m.
MN 100-15	2.10 m.

Pediatric | Pediatrik

MN 101-11	1.00 m.
MN 101-12	1.20 m.
MN 101-13	1.50 m.
MN 101-14	1.80 m.
MN 101-15	2.10 m.

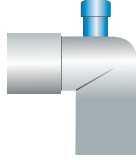
2 pcs. tubing, Elbow connector with luer lock port, Wye connector with port, 100 cm extra limb and Rebreathingbag

2 adet hortum, luer lock portlu Elbow Konnektör, portlu Y Konnektör 100 cm ara uzatmalı ve balonlu

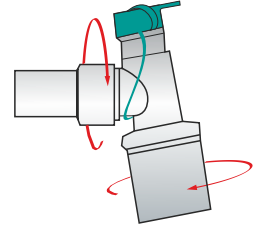
MORTON

MN 132 - 09 | Elbow with Port
Portlu Elbow

TECHNICAL PROPERTIES
SUCTION LUER LOCK PORT
15M and Cobb 15F/22 M
Reusable and disposable models are available


MN 132 - 10 | Double Swivel Elbow with Port
Dönebilen başlıklı Portlu Elbow

TECHNICAL PROPERTIES
SUCTION PORT CAP
DOUBLE SWIVEL CONNECTOR
15M and Cobb 15F/22 M


MN 133 | Water Trap
Su Tutucu


CODE	MODEL
MN 133-01	WATER TRAP DISPOSABLE
MN 133-02	WATER TRAP REUSABLE

TECHNICAL PROPERTIES
Self sealing universal water trap
Reusable and disposable models are available
Adult and pediatric model


MN 134 | Wye Connector
Y Konnektör


WYE PIECE DISPOSABLE

CODE	MODEL
MN 134-01	WYE PIECE DISPOSABLE
MN 134-02	WYE PIECE REUSABLE

TECHNICAL PROPERTIES
Reusable and disposable models are available
Tek Kullanımlık ve Çok Kullanımlık modelleri mevcuttur



WYE PIECE REUSABLE

■ MN 137 - 05 Double Sided End Expiratory Filter

Çift Cidarlı Bakteri Filtresi

TECHNICAL PROPERTIES

Integral to the performance of the filter is a unique 'double-sided'. The outer shell creates an insulating air gap, which is intended to reduce condensation of exhaled humid gas inside the filter. Less condensation means filter remains dryer, maintaining filtration performance characteristics.

- Insulated housing, intended to reduce condensate
- Electrostatic depth media, low pressure drop
- Hydrophobic media, water repelling



TECHNICAL PROPERTIES

Compliance	: 0.13ml/cmH ₂ O
Compressible volume	: 38 ml
Resistance to flow @ 45 lpm	: 1.08 cmH ₂ O
Filtration efficiency	: VFE >99.99%1
	: BFE >99.9997%1
Fittings (ISO Connectors)	: Conical connectors



■ MN 138 - 01 Mortonvent Filter with Oxygen Port

Mortonvent Filtre



CODE	MODEL
MN 138-01	MORTONVENT FILTER WITH OXYGEN PORT

TECHNICAL PROPERTIES

Tidal Volume(ml)	: 200-1500
Humidification Efficiency	: 25 mg/l H ₂ O (500 ml. tid. vol.)
Resistance to Flow	: 30lt/min 5 mm H ₂ O
Weight (gr)	: 9,5
Fittings (ISO Connectors)	: 15F / 5M connector
CO ₂ sampling port	

■ MN 138 - 02 Mortonvent Set (Filter&Oxygen Tube)

Mortonvent Set

CODE	MODEL
MN 138-02	MORTONVENT (Filter&Oxygen Tube)

TECHNICAL PROPER

MORTONVENT and accessory products, the MORTONVENT Holder is designed specifically for tracheostomized or intubated spontaneously breathing patients.

The MORTONVENT weight is only 4.0 grams and has a dead space of just 10 ml. Recommended for tidal volumes of 50 ml. and above MORTONVENT can be used on both pediatric and adult patients.

Mortonvent holder conveniently attaches MORTONVENT filter to tracheostomy or endotracheal tube, allowing it to easily be removed and replaced during suctioning or change out MORTONVENT filter to allow delivery of supplemental oxygen.





EC CERTIFICATE

Full Quality Assurance System Medical Devices Directive 93/42/EEC Annex II

Company Name : Morton Medikal San. ve Tic. A.Ş.

Company Address : İTOB O.S.B. Ekrem Demirtaş Cad. No:9 Tekeli Menderes İZMİR / TURKEY

Related Directives and Annex : MDD 93/42/EEC Medical Devices Directive - Annex II
(Excluding Section 4)

Product : Non-sterile Anesthesia and Breathing Circuit - Class IIa
Sterile Bacterial Filter - Class IIa
Sterile Catheter Mouth - Class IIa
Sterile Mortonvent Tracheostomy Filter Set - Class IIa
Non-sterile Spirometry Filter and Mouth Piece - Class IIa
Sterile Inhalation Holding Chamber - Class IIa
Non-sterile Humidifier Chamber - Class IIa
Sterile Extension Line - Class IIa
Sterile Pleural Drainage System - Class IIa
Sterile Y Tur Set - Class IIa
Sterile Yankauer Suction Set - Class IIa
Non-Sterile Disposable Anesthesia Rebreathing Bag - Class IIa
Sterile Video Camera Drape - Class Is
Sterile Microscope Drape - Class Is

GMDN : 37704, 37706, 37798, 37597, 35795, 37597, 13680, 60699, 12170, 16621,
10817, 46102, 35917, 37450, 12535, 34877

Product Types are attached.

Certificate Number : M.2017.106.8574

Report Number : MD.3375.IB

Initial Assessment Date : 30.05.2017

Registration Date : 23.06.2017

Revision Date /No : 18.08.2017/02

Expiry Date : 22.06.2022


UDEM International Certification
Auditing Training Centre Industry
and Trade Co. Ltd.

UDEM hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance audits, defined by Annex II, section 5 of the forementioned directive. According to Annex II, section 4 an EC design-examination certificate is required for placing the Class III devices on the market. This certificate remains as the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named company and UDEM must keep a copy of this certificate for 5 years from the registration of the certificate. Usage of the CE mark is under the responsibility of the manufacturer with the completion of EC Declaration of Conformity. The above mentioned company must notify all changes related with the approved product to UDEM. If UDEM will not renew the expiry date of this certificate in question, the mentioned company should stop placing the product on the market. The currency of the certificate can be checked through www.udemltd.com.tr.

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Certificate

ISO 13485 : 2016

MORTON MEDİKAL SANAYİ VE TİCARET ANONİM ŞİRKETİ

İTOB OSB Mah. Ekrem Demirtaş Cad. No:9 Menderes İzmir / TURKEY

This certificate shows that the medical devices - quality management system (EN ISO 13485:2016) of the above company was approved by PCA Certification for the following scope, the validity of the certificate depends on the company's pass the annual surveillance audits and company's maintenance the related management system conditions according to international accreditation criteria

SCOPE

Manufacture and sales of disposable anesthesia, infusion, aspiration products and non-active instruments
(Microscope case, camera case, kapkon connector)

GROUP CODE

A-D

Certificate No : TC-75017
Registration Date : 15.12.2017
Reissue Date : 31.12.2020
Expiry Date : 14.12.2021
Certificate Period : 3 Years (From the date of registration)
Exclusion : 7.3/7.5.3/7.5.4/7.5.9.2/7.5.10/8.3.4



Management
Systems
Certification Body

MSCB-103

4791

PCA Certification Approval



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