

## 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 <sub>2</sub> O
	60 lt/min 12 mm H <sub>2</sub> O
	90 lt/min 25 mm H <sub>2</sub> O
Weight (gr)	: 19
Fittings (ISO Connectors)	: 22M-15/22MF
CO <sub>2</sub> 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 <sub>2</sub> O
	60 lt/min 23,2 mm H <sub>2</sub> O
	90 lt/min 42 mm H <sub>2</sub> O
Weight (gr)	: 30
Fittings (ISO Connectors)	: 22M - 15/22MF
Humidification Efficiency	: 36,8 mg/l H <sub>2</sub> O (500ml tid. vol)
CO <sub>2</sub> 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 <sub>2</sub> O (500 ml. tid. vol.)
Resistance to Flow	: 30 lt/min 13 mm H <sub>2</sub> O
Weight (gr)	: 13,5
Fittings (ISO Connectors)	: 22F-22M/15F
CO <sub>2</sub> sampling port	

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



#### TECHNICAL PROPERTIES

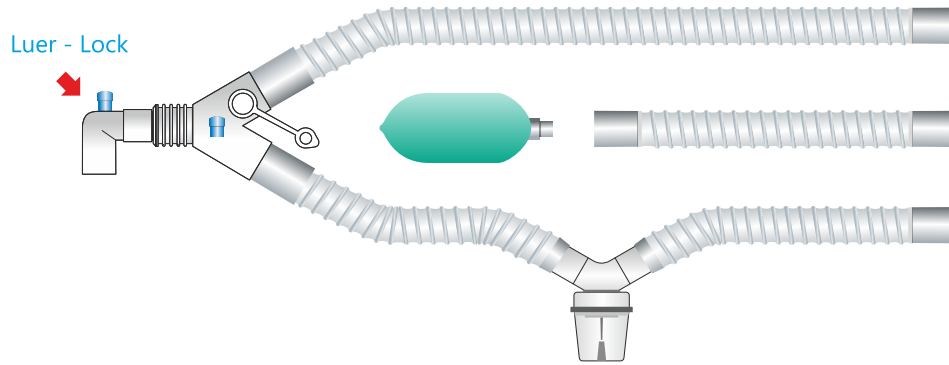
Tidal Volume(ml)	: 70-150
Dead Space(ml)	: 8
Filtration Efficiency	: BFE 99,9999%; VFE 99,9999%
Humidification Efficiency	: 24 mg/l H <sub>2</sub> O (500 ml. tid. vol.)
Resistance to Flow	: 30 lt/min 13 mm H <sub>2</sub> O
Weight (gr)	: 8
Fittings (ISO Connectors)	: 15F-15M/8M
CO <sub>2</sub> sampling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

*All type of circuits (Silicone, Hytrell, 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, Hytrell, 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 one water trap, 100 cm. extra limb & Rebreathingbag

Anestezi Devresi Tek su tutuculu, 100 cm. ara uzatmalı ve Balonlu



#### Adult | Yetişkin

MN 102-11	1.00 m.
MN 102-12	1.20 m.
MN 102-13	1.50 m.
MN 102-14	1.80 m.
MN 102-15	2.10 m.

#### Pediatric | Pediatrik

MN 103-11	1.00 m.
MN 103-12	1.20 m.
MN 103-13	1.50 m.
MN 103-14	1.80 m.
MN 103-15	2.10 m.

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

2 adet hortum, 1 adet su tutucu, luer lock portlu Elbow Konnektör, portlu Y Konnektör , 100 cm ara uzatmalı ve balonlu

**MORTON**



# 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**



PCA Sertifikasyon Hizmetleri Limited Şirketi  
Orta Mah. Ordu Sk. İzpark C Blok No:26/23 Kartal/ İSTANBUL  
Tel: +90 216 510 63 48-49 Pbx Faks: +90 216 517 63 49  
www.pca-tr.com info@pca-tr.com

FR.86 Rev.4



# 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 IZMIR / 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](http://www.udemltd.com.tr).

CE  
2292



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