

Keep your quality under control!



Air monitoring with AirPort MD8

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## Agenda

### **Advantages of the AirPort MD8**

Gelatine Membrane Filters (GMF)

BACTair™ culture media plates

Accessories for AirPort MD8

List of spare parts for AirPort MD8



## Advantages of the AirPort MD8

**AirPort MD8** (16757) can be used with **filtration method** (gelatine membrane filter) and **impaction method** (BACTair™ culture media plates)



Gelatine Membrane Filter  
(GMF)



BACTair™  
culture media plates

## Advantages of the AirPort MD8



AirPort MD8 with  
**Gelatine Membrane Filter**  
(GMF)



AirPort MD8 with  
**BACTair™**  
culture media plates

## Advantages of the AirPort MD8

**Portable** (2,5 Kg), **battery powered** (NiMH) airsampler

**4 h** of total sampling time  
**with one battery charge** at 125 l/min

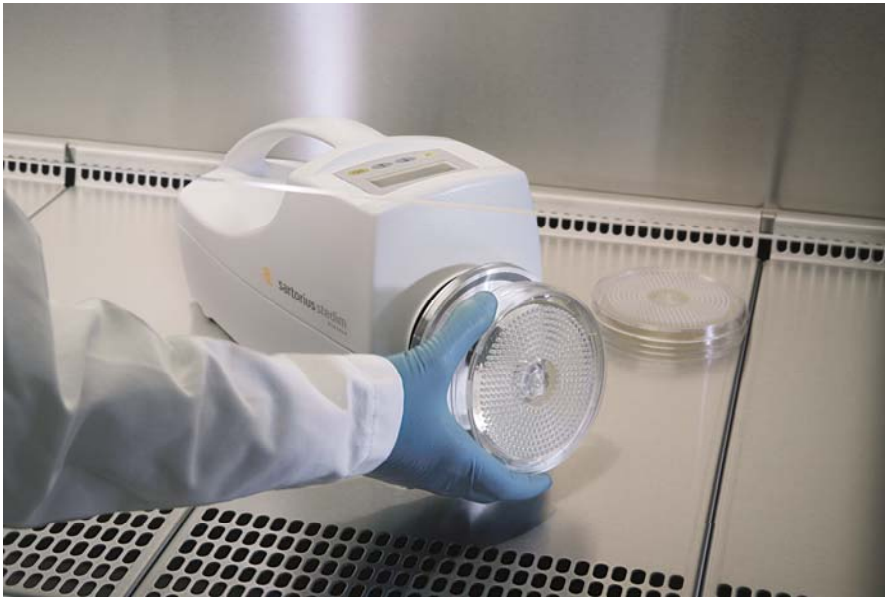
Automatic **adjustment of airflow**



# Advantages of the AirPort MD8

Dedicated for **non-critical areas**

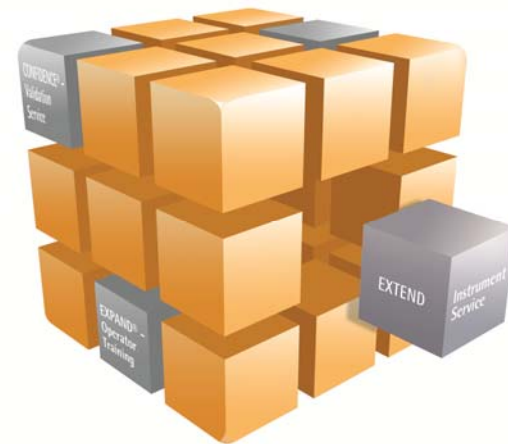
Qualification documents **(IQ/OQ)** available



# Advantages of the AirPort MD8

**Service** available

**Airflow can be calibrated**  
with calibration unit



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Advantages of the AirPort MD8

**Gelatine Membrane Filters (GMF)**

BACTair™ culture media plates

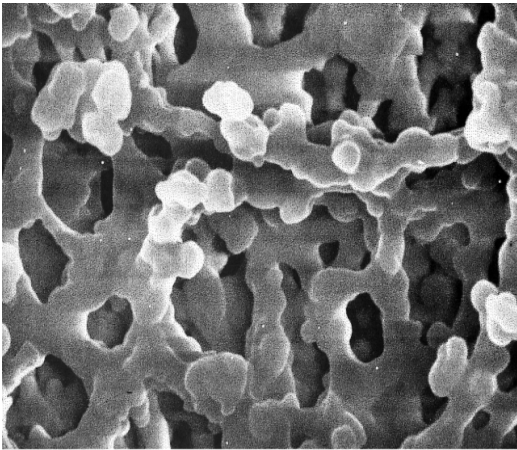
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# Gelatine Membrane Filters (GMF)



Filtration method

Highest retention of microbes and viruses

Soluble in sodium chloride for dilution and flushing out of inhibitory substances



High humidity for keeping microbes alive

Continuous air sampling possible

# Gelatine Membrane Filters (GMF)



**Gamma irradiated** Filters

**Gas tight** packaging

Single packaged and **triple packaged**  
Filters available for introduction in  
**cleanrooms**

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## BACTair™ culture media plates

Individually packed, Gamma irradiated culture media plates

No need for cleaning,  
completely disposable sampling head



Tryptic Soy Agar (TSA) and Sabouraud Agar available for detection  
of microbes, yeasts and molds

## BACTair™ nutrient media plates

**High retention** of particles  $>0,65 \mu\text{m}$

**Highest quantity of colony counts**  
due to 400 holes in the sampling head

Can be operated with **high**  
**flow rate** up to 125 l/min



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## Accessories for AirPort MD8

**Cover for BACTair™ culture media plates**  
(10 x 2 pieces per pack); 1ZPX-D0002)

**Adapter (17803) for BACTair™**  
**culture media plates**  
for use with AirPort MD8



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# List of spare sparts for AirPort MD8

Spare Part	Qty Bezeichnung	Description
69898500	1 Gehäuseoberteil	housing upper part
69898501	1 Gehäuseunterteil	housing lower part
69898502	1 Gerätefuß (4-er Set)	Foot (set of 4)
69898503	1 Displayfolie	Display overlay
69898504	1 Folientastatur	Keypad overlay
69898505	1 Motor 110V 50/60Hz	motor 110V 50/60Hz
69898506	1 Motor 230V 50/60Hz	motor 230V 50/60Hz
69898507	1 Netzteilplatine	power supply pcb
69898508	1 Display-Tastaturplatine	Display-keypad PCB
69898509	1 Sensor-Platine	Sensor PCB
69898510	1 Systemplatine	System plate
69898511	1 Kaltgerätesteckdose	Safety socket
69898512	1 Sensorrohr montiert	Assembled sensor tube
69898513	1 Triac TIC 236M	triac tic 236M
69898515	1 Motor 100V 50/60Hz	motor 100V 50/60Hz
69898516	1 Netzteilplatine 110V	power supply pcb 110V
12602--80----ALK	1 Membranfilter speziell zur Luftkeim- und	Membrane Filters
69898526	1 Dichtung 82mm	sealing 82mm