



# PM Lab Hood AV Overpressure Hood



English

# PM Lab Hood AV

## Overpressure Hood



The improved PM Lab Hood AV offers the user high wearing comfort and effective protection. The complete hood consists of a particle-tight, low-noise and lint-free material with integrated eye protection and shoulder cover.

In combination with an air source (Powered air-purifying respirator or compressed air regulator valve) a constant overpressure is built up in the hood so that it is working self-supporting and without any headgear.

The overpressure in the hood ensures the highest protection class. while the airflow does not blow unpleasantly into the wearer's face. Because the air flows inside the hood along the inside of the large PC visor.

The headgear can be universally adjusted to any head. The flap can be worn outside or inside a protective suit. Worn inside the suit, the outflow air provides heat balance within the suit.

According to the directive for wearers of respiratory devices BGR 190 it is not necessary to carry out the medical examination G26 with this hood. Furthermore there are no limitations for use because the respirator provides a continuous airflow. That means no breathing resistance for the user.

### Limited-Use-Hood:

Limited-use hoods can be used multiple times and are ideal for applications where the head piece needs to be changed frequently and cleaning may not be economical.

### Reusable Hood:

The premium reusable hood version consists of a reusable, water-repellent material and is suitable for multiple use. The hood can be cleaned and disinfected. This is both economical and environmentally friendly.

### Product Characteristics:

- Certified respiratory protection according to EN 12941 Protection Class TH3
- Certified respiratory protection according to EN 14594 Protection Class 3A
- breathing, face, neck and shoulder protection
- Headband universal adjustable from size S-XXL
- distortion free panoramic view
- suitable for beard and spectacle wearers
- Extremely low weight
- no G26 medical check-up
- no limits on application time
- sterile version available with product protection exhalation valve

### Technical Specifications:

Combination:	e-breathe e-Line	e-breathe e-Flow	PM Proflow 2 SC PM Proflow 2 EX	e-breathe Smartblower One Filter-System
Approvals:	CE / EN 14594	CE / EN 12941	CE / EN 12941	CE / EN 12941
Protection Class/ VdgW:	3A* / 100	TH3 / 100	TH3 / 100	TH3 / 100
Airflow:	160 - 280 l/min	160 - 180 - 200 l/min	120 / 160 l/min	135 l/min
Hose Connection:	e-breathe Click-System	e-breathe Click-System	e-breathe Click-System	e-breathe Click-System
Temperature Range:	-10°C to +40°C <70% RH	-10°C to +40°C <70% RH	-10°C to +40°C <70% RH	-10°C to +40°C <70% RH
Exhalation Resistance:	0,55 mbar	0,55 mbar	0,55 mbar	0,75 mbar
Weight Head Piece:	170g	170g	170g	170g
Material Limited-Use:	Polysafe	Polysafe	Polysafe	Polysafe
Material Reusable:	Bluesafe	Bluesafe	----	----

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### Product Features:

#### Headband

External headband allows individual adjustment to any head size.

#### Forehead Band

Fixes the hood and shapes the visor. The soft headband provides a high wearing comfort.

#### Hood Material

The hood is made of a low-noise, robust, crease- and lint-free material. The cover can be easily and quickly put on and is available as Limited-Use and Reusable Version.

#### Polycarbonate Visor

Comes flat, without unwanted creases and without reflection. Ergonomically shaped for a 320° distortion-free all-round view.

#### Exhalation Valve with Speech Membrane

The exhalation valve ensures direct discharge of the exhaled air and, thanks to the speech membrane, ensures good communication and a clear speech connection.

The intelligently designed exhalation valve avoids heavy breathing resistance and allows a direct use of the hood without a G26 medical check-up.

#### Design

Due to the textile neck seal with an elastic band, the PM Lab Hood AV fits perfectly to the neck. The shoulder cover can be worn inside or outside the protective suit. Inside, the suit is supplied with excess air.

#### Airflow

The airflow runs inside the hood on the inside of the PC visor. This prevents permanent fogging of the screen and prevents the user from feeling any unpleasant draught in the neck.



#### Hose Connection

The breathing air hose is securely attached to the hood adapter using the simple e-breathe click system.





# Order Information




PM Lab Hood AV		
Articel Name	Part Number	Image
PM Lab Hood AV Limited Use PM Lab Hood AV Limited Use - Steril	700001008 upon request	
PM Laborhaube AV Premium (Reusable Hood)	322015603	

ACCESSORY & SPARE PARTS		
Articel Name	Part Number	Image
Breathing Air Hose e-breathe Click flexible (round thread connection)	302001109	
Breathing Air Hose e-breathe Click fixed length (round thread connection)	302011109	
Protective Cover for Hose	116001041	
e-breathe Exhalation Valve	23010300	
e-breathe Exhalation Valve Product Protection	23010309	
e-breathe Product Protection fleece (VPE 50)	101052692	
PM PSA Rapid Disinfectant	129001000	
Basic Spray Head for Disinfectant (plastic)	129001001	



e-breathe

# Order Information

The starter pack is designed for users of head pieces approved with the an e-breathe air source. If the basic unit is used together with a head piece, filter and breathing air hose, the starter pack provides all the necessary components to put the system into operation.

e-Flow PAPR: Starter-Pack		
The Ready Pack includes:	Part Number	Image
Blower Unit, PAD-Box, 2x Filter Cover, Battery, Charging Station and Comfort Belt		
e-breathe e-Flow Blower Unit PAD-Box - Hood System	322005000	
Smartblower PAPR: Starter-Pack		
Motor Unit, SVE One Filter Mode (Battery), Charging Station, Belt Blower, GurtClip, SVE Spiral cable 2.0 DS		
e-breathe Smartblower One Filter System	322002100	
e-Line Compressed Air Regulator Valve (DRV): Starter-Pack		
CA Air Regulator Valve, Compressed Air Hose Adapter and Belt		
e-breathe e-Line	322007100	

If you currently don't use a head piece and a blower, our Ready Packs provide a comprehensive solution. The Ready Pack consists of a complete blower unit or a compressed air regulator valve and head piece in the respective version with matching breathing hose.

Ready-Packs with Air Source and PM Lab Hood AV		
Articel Name	Part Number	Image
Ready Pack e-breathe e-Flow with PM Lab Hood AV Limited-Use with PM Lab Hood AV Premium	322005300 322005301	
Ready Pack Smartblower One Filter System with PM Lab Hood AV Limited-Use	322002119	
Ready Pack PM Proflow 2 SC with PM Lab Hood AV Limited-Use	302001021	
Ready-Pack e-breathe e-Line with PM Lab Hood AV Premium	322007140	

# PM Atemschutz



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## PM Shop

**Online-Shop**

[www.PM-Atemschutzshop.de](http://www.PM-Atemschutzshop.de)

## e-breathe

**Development of new PPE**

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