



PM Chemical Hood

Overpressure Hood



English

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The improved PM Chemical Hood offers the user high wearing comfort and effective protection.

The complete hood is made of an antistatic, low-noise and chemical-resistant material with integrated eye protection and shoulder cover. (Please refer to the permeation data sheet for details of the operating time).

The hood is designed for higher risk work environments, including hazardous and toxic operations. The shoulder cover of the hood has been specially designed for these applications to be worn inside or outside of a protective suit. The optimum fit ensures a stable and comfortable fit even during movement and prevents the wearer from coming into contact with the skin-friendly inner material.

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. The air runs inside the hood and along the inside of the large PC visor. The intelligent airflow prevents the air flow from blowing unpleasantly into the wearer's face.

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-Haube:

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.

Produkteigenschaften:

- 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
- chemical resistant

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 +50°C <75% RH	-10°C to +50°C <75% RH	-10°C to +40°C <70% RH	-10°C to +40°C <70% RH
Exhalation Resistance:	0,70 mbar	0,70 mbar	0,80 mbar	0,90 mbar
Weight Head Piece:	170g	170g	375g	375g
Material Limited-Use:	Duoform	Duoform	Duoform	Duoform



Product Features:

Headband

Internal headband allows individual adjustment to any head size. Fixes the hood and shapes the visor. The soft headband provides a high wearing comfort.

Hood Material

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

Polycarbonate Visor

Flach geliefert, ohne ungewollte Knicke und ohne Spiegelung. Ergonomisch geformt, für eine 320° verzerrungsfreie Rundumsicht.

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 Chemical Hood 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 Chemical Hood

Articel Name	Part Number	Image
PM Chemical Hood Limited Use	700001066	


ACCESSORY & SPARE PARTS: PM Chemical Hood

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	
PM PSA Rapid Disinfectant	129001000	
Basic Spray Head for Disinfectant (plastic)	129001001	


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 PAPER: 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 PAPER: 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 Chemical Hood

Articel Name	Part Number	Image
Ready Pack e-breathe e-Flow with PM Chemical Hood Limited-Use	322005400	
Ready Pack Smartblower Einfilter-System with PM Chemical Hood Limited-Use	322002120	
Ready Pack PM Proflow 2 SC with PM Chemical Hood Limited-Use	upon request	
Ready-Pack e-breathe e-Line with PM Chemical Hood Limited-Use	upon request	

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Development of new PPE

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