

## **KEMPER autoflow XP® – comfortable and powerful**

The perfect design of the new *KEMPER autoflow XP®* combines the best possible breathing protection with comfortable working conditions when welding, cutting or grinding.

This breathing protection system is completely self-sufficient and allows freedom of movement. The battery-powered device uses a fan to produce a constant pressure in the protective shield, so that the hazardous gases and materials generated cannot penetrate. At the same time, the unit filters the air with a particle filter that has an efficiency of 99,8%.

With its high performance combined with low weight and compact design, the *KEMPER autoflow XP®* will win you over.

The blower unit is fastened to a comfortable carrying belt that is unobtrusive, allowing you to work easily in confined areas, without getting tired by the end of the day.

The *KEMPER autoflow XP®* blowers can be operated at four levels: 150, 170, 190 and 210 l/min. The fan contains a brushless DC motor. The motor life is three times longer than conventional blower motors.

The device's prefilter ensures that the main particulate filter lasts longer and significantly reduces operational costs. The system maintains a constantly high extraction rate.

A spark arrester of stainless steel mesh is built in front of the prefilter to minimise the risk of filter fires.

The integrated main filter ensures the user has clean, contaminant-free air in the breathing zone.



### **Microcontroller Unit - Made in Germany**

*KEMPER autoflow XP®* blower unit has an electronic control system with automatic flow control, including an acoustic warning.

The flow rate is continuously monitored and automatically adjusted to the level of saturation in the filter, so that the legally required airflow is adhered to at all times. In the event of the filter being too contaminated, or if battery power is falling, the user is warned that the prescribed airflow is not being reached by means of an acoustic signal.



# KEMPER autoflow XP® - the blower respirator system

## Control:

The panel shows the *KEMPER autoflow XP®* user the level of filter saturation, the battery strength and the airflow.

The blower unit is operated with two buttons on the panel:

- **ON / +** : power on and change to higher airflow levels
- **OFF / -** : power off and change to lower airflow levels

## Quality:

The *KEMPER autoflow XP®* is supplied in robust, high-quality, safe transport packaging suitable for continuous use when mobile. There is no need for any additional investment in a case to protect this hi-tech unit during transport and storage. The case has sufficient space to allow all components and accessories to be easily transported.



## Benefits at a glance:

- Lightweight
- Compact design
- Convenient carrying belt
- Simple operation
- Allows you to work in confined areas
- Brushless DC motor
- 99,8% filter efficiency
- Automatic flow control
- Audible warning signals
- Head covering can be adjust to suit the user's head



## Versions:

The *KEMPER autoflow XP®* can be used for both welding and grinding work, and functions with a protective visor just as well as with the *KEMPER autodark® 750*. Both can be individually adjusted to fit the user and are thus very comfortable to wear. They also offer spectacle wearers the best possible protection.



*KEMPER autoflow XP®*  
with *autodark® 750*



*KEMPER autoflow XP®*  
with protection hood

## Included in the package:

- *KEMPER autoflow XP®*
- Protective visor or *KEMPER autodark® 750* (depending on model)
- Carrying belt
- Air hose
- Charger
- User manual
- Carrying case



## freshflow® - the fresh air unit



### The fresh air unit

The supply of fresh air is very important and necessary during working in enclosed areas and at working areas with high concentrations of harmful substances or low levels of oxygen in the breathing air.

The *KEMPER freshflow*® fresh air unit is connected to the compressed air system by a quick-release fastener. The clean breathing air is passed through a pressure reducing regulator and feeds into the welding protection hood, where an overpressure is generated. The ingress of harmful substances into the breathing zone of the user is not possible and the supply of sufficient oxygen is ensured.



### Safety

The *KEMPER freshflow*® fresh air unit incorporates a pressure reducing regulator with an integrated volume flow control. For this reason the permanent supply of the legally obligated volume of breathing air is ensured. To increase the quality of the breathing air it is recommended to connect a pressure air filter unit. This unit is supplied with a combined gas-/particle filter and is available as additional equipment for up to two users.



### Bearing comfort

The *KEMPER freshflow*® fresh air unit combines high power together with compact construction and little weight. The fresh air unit is strapped to the user's waist, also on a minimum of space there will not be any problems.

The cushioned, comfortable belt and the low weight of the *autoflow*® fan unit are also conducive to user comfort. It is possible for the user to work a whole day without getting tired.



### The combination

The *KEMPER freshflow*® system as well as the *KEMPER autoflow*® system can be combined either with the protection hood or with the top model out of the *KEMPER autodark*® range, the *KEMPER autodark*® 750.

The automatic welding filter utilises a variable stepless adjustable shade (DIN 9 - 13), an adjustable switching time and an adjustable sensitivity of the sensors. The user is protected against dangerous rays which can be generated during the welding process. The *autodark*® 750 has an additional grinding mode for grinding work, which can be switched on and off at the operation element at the outside of the helmet.



## The right model for every application

### KEMPER autoflow XP® with autodark® 750

Portable, battery driven fan respiratory unit connected to an *autodark® 750* welding protection helmet suitable for welding and grinding work. The welding protection helmet consists of an automatic electro optical filter with variable darkening shade, adjustable delay, adjustable sensitivity of the sensors and grind mode.

#### Technical data autoflow XP®

Volume flow: 150 - 210 l/min  
Weight: aprox. 990 g  
Operating time of battery: 7 - 14 h\*

#### Technical data autodark®

Switching time (23 °C): 0,0001 sec.  
Light shade: DIN 4  
Dark shade: DIN 9 - 13

Part No.	Description	€
70 830 750 XP	KEMPER autoflow XP® with KEMPER autodark® 750 Fan unit with welding protection helmet, incl. connection hose, charger, battery, heavy duty belt and transport case.	965,00

\* Depending on the saturation of the filters and the individual airflow settings.



### KEMPER autoflow XP® with protection hood

Portable, battery driven fan respiratory unit connected to a protection hood suitable for different applications where an extraction of the harmful substances not is possible.

#### Technical data autoflow XP®

Volume flow: 150 - 210 l/min  
Weight: aprox. 990 g  
Operating time of battery: 7 - 14 h\*

Part No.	Description	€
70 830 350 XP	KEMPER autoflow XP® with KEMPER protection hood Fan unit with protection hood, incl. connection hose, charger, battery, heavy duty belt and transport case.	790,10

\* Depending on the saturation of the filters and the individual airflow settings.



### KEMPER freshflow® with autodark® 750

Portable, pressure air fed fan respiratory unit connected to an *autodark® 750* welding protection helmet suitable for welding and grinding work. The welding protection helmet consists of an automatic electro optical filter with variable darkening shade, adjustable delay, adjustable sensitivity of the sensors and activatable grind mode.

#### Technical data freshflow®

Volume flow: 160 l/min  
Weight: aprox. 250 g  
Air pressure supply: 3 - 6 bar

#### Technical data autodark®

Switching time (23 °C): 0,0001 sec.  
Light shade: DIN 4  
Dark shade: DIN 9 - 13

Part No.	Description	€
70 840 750	KEMPER freshflow® with KEMPER autodark® 750 Fan unit with welding protection helmet, incl. connection hose, heavy duty belt and transport case.	785,00

785,00



### KEMPER freshflow® with protection hood

Portable, pressure air fed fan respiratory unit connected to a protection hood suitable for different applications in areas with high concentration of harmful substances or low concentration of oxygen.

#### Technical data freshflow®

Volume flow: 160 l/min  
Weight: aprox. 250 g  
Air pressure supply: 3 - 6 bar

Part No.	Description	€
70 840 350	KEMPER freshflow® with KEMPER protection hood Fan unit with protection hood, incl. connection hose, heavy duty belt and transport case.	548,30

548,30

