

Breathing air supply device AIR-JET

The robust and powerful AIR-JET devices are used for mobile treatment of compressed air into breathing air according to ISO 8573-1. The used components reliably supply protective suits and ventilated hoods with breathing air and guarantee efficient and long-lasting use. The devices are turnkey and ready for use.

- Simultaneous and independent ventilation of up to three full protective suits (1500 l/min at 6 bar).
- Inlet connection: female thread G $\frac{3}{4}$ ".
- With shut-off valve, inlet gauge and audible warning.
- 3-stage filter unit, output 1500 l/min at 6 bar., with filter status display
- 3 separate outlets, each with
 - 1 pressure regulator (each outlet individually adjustable)
 - 1 outlet pressure gauge
 - 1 optical flow indicator
 - 1 Pedi safety coupling W (other products on request).
- With automatic condensate drain and collecting container.
- Replacement of the filter elements is possible during operation.
- Housing: steel cabinet, with lockable door, splash-proof (IP66)
 - painting blue, movable and lockable, also suitable for wall mounting
 - smooth surface for easy cleaning.
- Dimensions: L x W x H = 645 x 360 x 830 mm, weight: about 25 kg.
- Incl. protective cover.



Technical properties:

Max. operational pressure: 10 bar

Quality of the respirable air:

- Class 1.7.1 according ISO 8573-1
- Removes particles down to 0.01 μm
- Max. content of oil: 0.003 mg/m³

Operational temperature: -20...+65°C

For temperatures below +2°C, please consider the air condition.

These filters do not remove CO, CO₂ or other toxic gases and do not change the content of oxygen of the feeded air.

Breathing air standard DIN EN 12021:2014

Limits:

Oxygen (O ₂):	21% ± 1%
Carbomonoxide (CO):	< 5 ppm
Carbon dioxide (CO ₂):	< 500 ppm
Oil content:	< 0.005 mg/m ³
Humidity:	< 25 mg/m ³

Item no.:		
112087	AIR-JET breathing air supply device	Outlet: 3 x Pedi safety coupling W
Auxiliary:		
116243	SAFEGUARD Breathing Air Monitoring device	Monitoring and recording of breathing air quality for respirators according to DIN EN 12021:2014
Spare parts:		
103309	Pre-filter complete	
111592	Revision set for pre-filter	
111593	Pre-filter element (5 my)	(Replacement when filter display changes to red color)
111594	Main filter complete	
111595	Revision set for main filter	
111596	Main filter element (0.01 my)	(Replacement when filter display changes to red color)
103424	Charcoal filter complete	
111597	Revision set for charcoal filter	
111598	Charcoal filter element	(Replacement once a year, even when not in use)
112089	Pressure regulator complete	
112355	Revision set for pressure regulator	
114474	Filter regulator complete	
114799	Revision set for filter regulator	
	Further spare parts on request.	

Breathing Air Monitoring device SAFEGUARD

The high-quality breathing air monitoring device SAFEGUARD is used for sporadic or permanent monitoring and recording of breathing air quality according to DIN EN 12021:2014.

- simultaneous monitoring of oxygen O₂ / carbon monoxide CO / carbon dioxide CO₂ / oil content / dew point
- limit values for each sensor individually adjustable
- Recording of measured values in adjustable intervals
- Display of current sensor readings (red/green)
- 360° edge lighting (red/green)
- with potential-free contact for triggering of an external alarm
- Operation via rechargeable battery (runtime 8 h), 12/24 VDC or 230 VAC
- operation / query also possible via WiFi possible
- magnetic attachment to AIR-JET
- compressed air range from 2 to 10 bar
- dimensions: LxWxH = 160x100x90 mm
- weight: 0.6 kg

