

SHINE®

Your trustworthy welding
protection expert

P300

HALF MASK PAPR



- Eliminates 99.97% of fine dust, pollutants, and other airborne contaminants.
- Meets EN 12942:1998+A2:2008 standard for particle filtration.

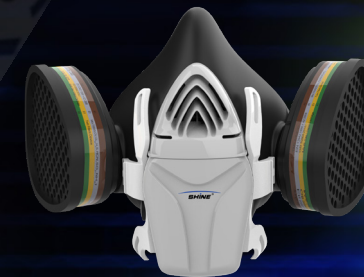


Provides minimal breathing resistance while maintaining high filtration performance.

Designed exclusively for use with the P-300 Half Mask PAPR to ensure a secure seal and optimal airflow.

Tool-free assembly and replacement
Snap-fit filter mechanism for quick changeover

Multi-layer composite structure targets fine particulate matter and aerosols with high accuracy.



Follow Breathing Airflow

Adaptive airflow matches inhalation & exhalation needs



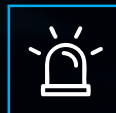
Effortless Breathing

Built-in fan ensures smooth, low-resistance airflow



Long Battery Life

Operates >16ww hours with high-capacity battery



Audio & Visual Alarm

Alerts for low battery, jammed filter, or errors



Dual Filter System

Compatible with particle & gas filters



Wide Applications

Ideal for welding, grinding, agriculture, labs & more

TECHNICAL DATA: P300

Type of filter	Particle Filter / Gas Filter (Extended Function)
High filter efficiency	≥99.97% @ 0.185 μm (High-Efficiency Particulate Filter)
Gas filter	A1, A1B1E1K1
Airflow	Followed Breath (Positive Pressure)
EMC Compliance	Yes
Assigned Protection Factor (APF)	50
Operating Noise	≤65 dB
Power Switching	ON/OFF
Battery Indicator	Multi-Color LED (Battery Level Display)
Warnings	Low Battery / Filter Jam / System Error
Alarm Types	Visual (LED) & Audible (Voice)
Size	S/M
Weight	<280 g (with particle filter) / <490 g (with gas filter)
Battery Specs	- Standard: 4.2V, 2000mAh - High-Capacity: 4.2V, 4000mAh
Operating Time	- Standard Battery: >8hours - High-Capacity Battery: >16 hours
Charging time	- Standard Battery: ~5 hours - High-Capacity Battery: ~10hours
Charge Cycles	500+
Operating temperature	-5°C to 55°C (14°F to 131°F)
Certifications	CE EN12942

A1B1E1K1 Gas Filter (P302)

Use: Multi-gas protection
Standards: EN 12942: 1998+A2: 2008

- A1 – Organic vapors
- B1 – Inorganic gases (e.g. chlorine, hydrogen sulfide)
- E1 – Acid gases (e.g. sulfur dioxide)
- K1 – Ammonia and derivatives
- Designed for diverse industrial applications
- Color-coded for easy identification
- Quick click-and-lock installation

A1 Gas Filter (P301)

Use: Organic vapors
Standards: EN 12942: 1998+A2: 2008

- Protects against organic gases and vapors with boiling points >65°C
- Ideal for solvent-based applications (e.g. paint, varnish, adhesives)
- Low breathing resistance
- Easy to replace
- Lightweight, compact design

P300

HALF MASK PAPR