

# SHIELD<sub>me</sub><sup>TM</sup>



# POWERED AIR-PURIFYING RESPIRATORS

SME-PAPR20



**SHIELD<sub>me</sub><sup>TM</sup> POWERED AIR-PURIFYING RESPIRATORS** (PAPR) incorporates a sleek, low-profile design for user comfort never before offered in a PAPR. All components, including the motor blower, cartridges, and battery, are packaged in a single hip-hugging housing. Improved motor blower electronics allow for optimum air flow and filter resistance, while the compact and ergonomic battery pack affords lightweight comfort and fit. Flow control sensors are activated by insertion of the cartridges and breathing hose to the blower housing. The unit automatically adjusts for altitude via an internal pressure sensor.

Superior design features permit fast, accurate change-out of cartridges, hoods and batteries. Slim, curved PAPR housing helps to minimize fatigue and permits work in tight confined areas. **SHIELD<sub>me</sub><sup>TM</sup> POWERED AIR-PURIFYING RESPIRATORS** (PAPR) kit includes motor blower, smart charger, standard battery, hose and decon belt.

## SMART DESIGN FEATURES:

- ✔ Crushproof breathing tube
- ✔ Automatic setting of flow rates/liquid spatter.
- ✔ Distinct Audible and Visual alarms for low flow indication and low battery voltage
- ✔ Less bulk and better weight distribution improves worker efficiency and comfort
- ✔ Sealing gaskets on each cartridge
- ✔ Smart charger

## POWERED AIR PURIFYING RESPIRATOR



**Dual Layers**  
 Outside layer (water proof, Du Pont Tyvek), inside layer (breathable nonwoven)

Filter

Lithium Battery

### ADVANTAGE

#### Perfect Breathing Protection

Filtration efficiency up to 99.97% to protect the health of the lungs from the inhalation of harmful solid particles, smoke, and dust.

#### Rechargeable Lithium Battery

Green, can be charged repeatedly, 1h charge, 8h+ work.

#### Intelligent & Stable Air Supply

Adjust the power automatically according to the blockage of the air filter, to ensure stable and clear air supply

#### Welding Helmet & Air Hood Can Be Used Separately

Except the welding industry, our PAPR can also be adopted in other industries (such as spraying), which need fresh air.

#### Three Layers of Filtration, More Perfect Effect

Stainless steel mesh (pre-filtration), melt blown cloth, filter cotton, air filter (solid particles, smoke and pollutants filtration).

### SPECIFICATIONS

Filtration Efficiency	99.97%
Air Flow	250/210/170 (L/Min)
Charging Time	1 hour
Rechargeable Time	more than 500 times
Alarm Mode	buzzer sound
Working Humidity	less than 90%
Storage Humidity	less than 85%
Host Weight	1080 g
(including battery and air filter)	

