

Filter Options

TM3 Particulate Filter and Gas Cartridge Options

Silicone Mask & ABS Body

Silicone Mask and ABS Body respirator main unit for Easy Cleaning and Comfortable Wear.

Speaking Diaphragm

Equipped with Speaking Diaphragm for Enhanced Auditory Perception and Increased Work Efficiency

Dual Alarm

Sound and Light for Safe Operation Every Time

Battery

Intrinsically Safe ExIIIC Battery

CE EN 12942 GB 30864

Powered Adaptive Respirator, Airflow Adjusts According to Breathing Frequency






Product Specification

Air Flow Rate	Adaptive Breathing (Tested at No Less Than 65 lpm)
Noise Level	60dB
IP Rating	IP54
Indicators	Low Pressure Indicator, Sound and Light Alarm, Electromagnetic Compatibility
Operating temp.	-5°C to 55°C
Storage temp.	-10°C to 65°C, 20% to 80% RH
Std Battery duration	>8 hours
Heavy-Dusty Battery duration	>12 hours
Charging time for Std Battery	4.5 hours
Charging time for Heavy-Dusty Battery	6.5 hours
Battery life	At least 500 charges
Main unit protection	IP54; the unit complies with intrinsic safety standards (ExIIIC / ExIIIC)
Particulate filter standards	CE: TM3, GB: P100
Gas filter standards	GB/CE: A1/A1B1E1K1 standards
Leakage rate	≤2%
Inhalation resistance	≤350 Pa (when powered on)
Exhalation resistance	≤700 Pa (when powered on)
Dead space	≤1% (when powered on)

Applications

- Spray Painting
- Chemical Treatment
- Powder Handling & Mixing
- Clean Room
- Laboratory

Industries

-  Automotive
-  Chemical
-  Pharmaceutical
-  Heavy Engineering
-  Windmill Manufacturing