

Portable Harmful Gas Removing Device(PA-System)

HS-PA

Application Field

- Industrial sites that manufacture and produce semiconductors, semiconductor materials, displays (LCD, LED chips, OLED etc.), solar panels, etc.
- Industrial sites that manufacture and produce fuel cells, secondary batteries, precision material components, fine chemical materials, etc.
- Manufacturing sites with manufacturing facilities and devices that use acidic or basic gases
- Chemical evacuation facilities, disaster shelters, protective facilities, etc.

Characteristic

- When performing maintenance and repair work on devices, equipment, and facilities that use harmful gases, the harmful gases remaining inside the device are adsorbed and purified to enable field workers to work safely.
- An air pollution prevention device that connects to facilities and devices that use harmful gases and immediately purifies and exhausts harmful gases remaining inside the facilities and devices in emergency situations or when necessary.
- By applying a chemical adsorbent for industrial hazardous gas purification developed by Hanso Co., Ltd., acidic and basic toxic gases generated in industrial sites are safely absorbed and purified chemically.
- Adsorption and removal of chemical agents (5 types) using domestically developed activated carbon
- Application of chemical adsorbent to remove toxic gases in semiconductor factories and industries.
- Prevents air pollution by immediately adsorbing toxic gases in emergency situations.
- Ability to quickly move/purify inside protective facilities contaminated with chemical agents

PA-System specification sheet

Specifications(PA-100)

| Item | Description | |
|-------------------|--|--|
| Blower gas flow | Max 5m ³ /hr, Adjustable | |
| Dimension | Overall | W 450mm x D 470mm x H 500mm |
| | Weight | 40kg |
| Canister | Remove gas | HCl, Cl ₂ , HF, BCl ₃ , VOCs |
| | Volume | 1.0 liter(2set) |
| Electrical rating | Adapter : Input 100~230V, 50/60Hz, 60W | |
| | Battery : 240VDC, 13Ah | |



Specifications(PA-200)

| Item | Description | |
|-------------------|--|--|
| Blower gas flow | Average Flow 550L/min (34m ³ /hr) | |
| Dimension | Overall | W 320mm x D 400mm x H 680mm |
| | Weight | 35kg |
| Canister | Remove gas | HCl, Cl ₂ , HF, BCl ₃ , VOCs |
| | Volume | 10 liter(1set) |
| Electrical rating | Adapter : Input 100~230V, 50/60Hz, Output 29.2V, 3A | |
| | Battery : 29VDC, 13Ah(Continuous 3hr operation when fully charged) | |



※ Bigger sizes of PA have been under developing