

# Technical Datasheet

## Venus V-7900

Dual Filters for Half Face Mask & Full Face Mask



V-7900 FPC P3 Filters



V-7900 MGC-P100 Filters



V-7900 FHP P3 HEPA Filters



V-7900 A1 P2 Filters



V-7900 OV-P100 Filters



V-7900 FPD P2

### Technical Specifications:

- Filter Types:** Gas (A1, MGC), Particulate (P2, P3), and Combination (A1 P2).
- Hazard Protection:** Organic vapors, acid gases, ammonia, sulfur dioxide, chlorine, particulates, etc.
- MUL:** Up to 1000 ppm or 20x OEL for gases; up to 50x or 12x OEL for particulates.
- Standards:** CE & NIOSH certified for safety compliance.
- Compatibility:** Works with V-900 Half Face Mask and V-999 Full Face Mask.
- Design:** Lightweight, ergonomic, and durable for industrial use.

### Features of Venus V-7900 filters:

- Dual Filter Compatibility:** Supports various filters for gases, vapours and particulates.
- Replaceable Components:** Includes detachable valves, filter holders, and harness.
- Certified Safety Standards (MUL):** Filters meet stringent safety requirements.






### Benefits of Venus V-7900 filters:

- Dual Filter Compatibility:** Provides versatile protection in multiple hazardous environments.
- Replaceable Components:** Increases mask longevity and reduces replacement costs.
- Certified Safety Standards (MUL):** Guarantees reliable protection against hazardous substances.

## User Instructions for Venus V-7900 filters:

1. **Preparation:**
  - a. Select filters compatible with the hazard type (e.g., organic vapors, acid gases, particulates).
  - b. Ensure filters are securely attached to the **V-900 Half Face Mask** or **V-999 Full Face Mask**.
2. **Usage:**
  - a. Use the mask with V-7900 filters in environments matching the hazard rating.
  - b. Avoid environments exceeding the specified exposure limits (MUL).
3. **Maintenance:**
  - a. Inspect the mask and filters before each use. Replace filters when breathing resistance increases or per guidelines.
  - b. Clean the masks after use and store them in a clean, dry place.
4. **Safety Check:**
  - a. Perform a fit test for both masks before use to ensure no air leakage.

## Venus Gas Filters and Particle Filters Pair-Wise Used in Connection with Venus V-900 & V-999 Masks

Filter	Hazard type	Examples	Maximum Use Level	Colour Code
V-7900 A1 P2	OV/AG	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	1000 ppm or 20 X OEL whichever is lower	
V-7900 OV- P100	OV + Particulate	Carbon Tetrachloride (CCl <sub>4</sub> )	1000 ppm or 20 X OEL whichever is lower whichever	
V-7900 MGC-P100	OV/IO/AG/AM + Particulate	Carbon Tetrachloride (CCl <sub>4</sub> ) Chlorine (Cl <sub>2</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 50 X OEL whichever is lower	
V-7900 P3 HEPA	Particle filter	Non highly volatile liquid/Solid Particles	50 X OEL	
V-7900 FPD P2	Particle filter	Solid particles	12 X OEL	
V-7900 FPC P3	Particle filter	Non highly volatile liquid/Solid Particles	50 X OEL	