

▶ VP5 PID

Portable VOC detector with PID lamp



Technical specifications

Portable VOC Detector: Measures volatile organic compounds
Cell type: 10.6 eV photoionization PID lamp
Other available sensors: Explosive gases (hydrocarbons, solvents, alcohols), Cl₂, CO, CO/H₂S, SCO₂, H₂S, HCN, NO₂, NH₃, O₂, PH₃ and SO₂
Display: Backlit liquid crystal display (LCD)
Keypad: Two button operation and dedicated button for "panic" alarm
Alarms: 360° ultra-bright LED lights (2 red 2 blue), audible (95 dB at 10 cm) and vibrating
Data log: 3 months minimum at 10 sec. intervals
Housing: Polycarbonate with protective shell rubber overmolding
Color: Available in two colors (black and orange)
Dimensions: 104 x 58 x 36 mm
Weight : 200 g
Ingress rating: IP68 (immersion during 1 hour to 1,5 meters deep)
Homologation: ATEX, IECEx, CSA, UL

▶ Clip-on gas sampling pump

Housing material: Polycarbonate with overmolding rubber protection
Sampling range: 15.2 meters
Mounting: Latch fastener, any tools required
Dimensions: 143 x 81 x 68 mm
Weight: 270 g lithium-ion battery version
Pump fault alarm: 90 dB sound + visual
Ingress rating: IP66 - IP67

▶ Communication (LENS™ Wireless mesh network)

Frequency: ISM free frequency band (2.405 to 2.480 GHz)
Maximum number of peers: 25 devices per group
Range: 100 m in line of sight (face to face)
Homologations : FCC Part 15, IC, CE/RED

Product description

The **VP5 PID** is a **portable VOC detector** with (PID) lamp technology for the fast and accurate detection of a large range of volatile organic compounds. Compact and resistant, available in two colors, it offers comfort thanks to its lightness and ergonomics.

VOCs (Volatile Organic Compounds) are a significant family of gases and gaseous substances, many of which are considered toxic. The **VP5 PID** is a portable gas detector to detect and measure exposure to these hazardous substances.

The **VP5 PID portable VOC detector** is a variation of the Ventis Pro5 multi-gas detector. Three additional cells can be associated to make it a 5-gas transmitter with a double detection cell like the CO/H₂S cell.

Other available sensors are CH₄ or C₅H₁₂ (explosive gases, hydrocarbons, solvents, alcohols), Cl₂ (chlorine), CO (carbon monoxide), CO₂ (carbon dioxide), H₂S (hydrogen sulfide), HCN (hydrogen cyanide), NH₃ (ammonia), NO₂ (nitrogen dioxide), O₂ (oxygen), PH₃ (phosphine) and SO₂ (sulfur dioxide).

▶ PTI (Protection Isolated Worker) function as standard

In addition to its gas detection features, the **VP5 PID** includes many features dedicated to more safety gases such as the man-down alarm, and an imminent danger alert button.

For a better interpretation of alarms and hazards, personalized messages of clear actions are displayed on the screen at start-up or in case of pre-alarm to facilitate the communication and the work of the technicians.

▶ Clip-on pump for Ventis gas detectors



VSP clip-on pump is a very interesting accessory to complement the **VP5 PID portable VOC detector** transforming a single gas detector into a transmitter with a gas sampling pump. No tools are required to connect or remove the pump from the gas detector.

It is the ideal solution for confined space entry clearance measurements or for users who work in tanks, wells, or in the search for leak detection.

▶ LENS™ Wireless Communication

With the LENS™ Wireless technology available on Ventis Pro detectors, people on site are no longer isolated. When a detector goes into alarm due to a gas hazard, a "man in distress" alert, or a panic situation, all people in the group connected will be instantly informed of the danger.