

Pro VOC Alarm Analyzer Handheld

SKU: 9651

Price: ?2,440.00



Description

The Nuvair Pro VOC Alarm is a digital measurement instrument with two visible and audible alarms that activate if VOC value is above or below set values. When the alarm sounds, the analog output can activate an optional relay that automatically shuts down compressors, sounds an alarm, or activates a back-up system. It uses a state-of-the-art Photo Ionization Detector (PID) sensor with long-term stability and easy maintenance. It is possible to replace the internal lamp and calibrate the sensor without factory assistance.

Our water- and impact-resistant case is designed for everyday use in the marine environment. To change the battery or sensor, simply remove four screws to access user-changeable components. All Nuvair Pro VOC units are built and tested in-house, and are ready to use upon receipt.

WARNING: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder, or the flow from a regulator. The flow rate of gas must equal 1-5 L/min. To produce this flow, a [Flow Restrictor and Regulator](#) may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

Available Options

Three power options are available for this analyzer: 110/220V wall plug-in, DIN rail, and rechargeable lithium battery. For wall plug-in and DIN rail powered analyzers, two optional modules can be built into your analyzer: [FAILSAFE](#) and [SMART START](#).

Adding the **FAILSAFE Module** to your Nuvair Pro Alarm analyzer will automatically disable integrated power equipment if: (a) Analyzer power is interrupted, or (b) Analyzer goes into alarm. Adding a **SMART START Module** to your Nuvair Pro Alarm Analyzer will automatically power-up the analyzer in tandem with integrated power equipment, like a compressor.

Choose one of three available power options and two available module upgrades by using the **Power & Module Options** dropdown menu (above).

Features

- VOC analysis in gas mix (pressurized or ambient source)
- On/Off switch
- Low battery warning indicator
- Easy calibration
- User-replaceable battery and sensor
- Audible alarm sounds when user-defined low or high VOC value is reached
- 4-20 mA analog output for external devices
- Analog output can activate optional relay to automatically shutdown compressor when alarm activates

Specifications

Sensor Type	PID (Photo Ionization Detector)
Power	Wall plug-in, DIN rail, or rechargeable lithium battery
Dimensions (L x W x H)	4-1/8 × 2-1/2 × 1-3/4" (10.5 × 6.2 × 4.4 cm)
Replacement Sensor	9512