

# Pro He/O<sub>2</sub> Trimix Analyzer

SKU: 9602

Price: ?1,152.00



## Description

The Nuvaair Pro He/O<sub>2</sub> multigas analyzer for trimix divers is mounted in a rugged, water-resistant case. Each sensor has two user-programmable audible and visual alarms.

**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](#) (like the [400-100 Calibration Test Gas 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.

## Features

- Helium reading in any oxygen-helium-nitrogen mix in the range 0.0-100.0% of volume
- Oxygen reading in any oxygen-helium-nitrogen mix in the range 0.0-100.0% of volume
- Two (2) custom audible and visual alarms for each gas
- Thermal conductivity helium sensor developed for a marine sport environment
- O<sub>2</sub> sensor life up to 36 months
- He sensor life up to 10 years under normal conditions
- Robust waterproof hard case
- Automatic calibration of O<sub>2</sub> and He

## Replacement Sensor

- [Oxygen Sensor SKU 9507M](#)

## Specifications

Sensor	Pro O <sub>2</sub>	Pro He
<b>Flow Rate</b>	0.5-2 L/min	0.5-1 L/min
<b>Resolution</b>	±0.1%	0.1%
<b>Repeatability / Linearity</b>	±1% volume O <sub>2</sub> @ 100% O <sub>2</sub> applied for 5 min	±2% over full scale
<b>Accuracy</b>	Within ±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen	±2% over full scale
<b>Sensor Type</b>	Electrochemical	Thermal Conductivity
<b>Expected Sensor Life</b>	Up to 36 months in air at 25°C/77°F and 50% rh	Up to 10 years
<b>Range</b>	0-100% oxygen (max), 0-1% oxygen (min)	0-100% helium in air, nitrogen or oxygen
<b>Alarms</b>	Two user-programmable audible and visual alarms	
<b>Power</b>	Select from: 110/210V wall plug-in, or Rechargeable lithium battery with 110/230V charger	
<b>Operating Temperature</b>	32-104°F (0-40°C)	41 to 104°F (5 to 40°C)
<b>Storage Temperature</b>	32-122°F (0-50°C)	5 to 122°F (-15 to 50°C)
<b>Operating Humidity</b>	0-99% rh (non-condensing)	0-90% rh (non-condensing)
<b>Power</b>	Rechargeable lithium battery or 110/220 V wall plug-in	
<b>Dimensions (L x W x H)</b>	3.6 x 8.8 x 7.5 in (9.3 x 22.5 x 19 cm)	
<b>Weight</b>	2 lb (0.95 kg)	