Remote Handheld   Handheld   Remote Panel Mount   Panel Mount

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.

SPECIFICATIONS*

Flow Rate	0.5-5 L/min
Resolution	0.1%
Accuracy	±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
Sensor Type	Electrochemical
Expected Sensor Life	36 months in air at 25°C and 50% rh
Range	0-100% oxygen
Response Time	<6 seconds for 90% of final value
Operating Temperature	32° to 104°F (0° to 40°C)
Operating Humidity	0 to 99% rh, non-condensing
Storage Temperature	32° to 122°F (0° to 50°C)
Power Options	9V battery, 110/220V wall plug-in, rechargeable lithium battery or DIN Rail
Dimensions	4 x 2 x 5.5 in (10.2 x 5 x 14 cm) panel mount 2.5 x 1.75 x 4.25 in (6.3 x 4.5 x 10.8 cm) handheld
Weight	9 oz (0.3 kg) panel mount / 7.8 oz (0.22 kg) handheld
Warranty	0-12 Months 100% parts and labor 13-18 Months 50% off sensor only 19-24 Months 25% off sensor only

*All specifications are at ambient / sea level, 77°F (25°C) and are subject to change without notice.

FEATURES
- Ideal for nitrox production use
- On / off switch
- Easy calibration
- User replaceable battery and sensor
- Fast response, thermally compensated sensor
- Highly accurate and stable output
- Completely sealed, water resistant housing

OPTIONS
Pro O$_2$ Handheld (SKU 9450)
Pro O$_2$ Alarm Handheld (SKU 9611)
Pro O$_2$ Panel Mount (SKU 9462)
Pro O$_2$ Alarm Panel Mount (SKU 9612)

- Internal sensor
- Samples low-pressure gas flow
- Direct HP gas cylinder analysis

Pro O$_2$ Remote Handheld (SKU 9452)
Pro O$_2$ Remote Panel Mount (SKU 9460)

- External sensor
- Ambient pressure gas sampling
- Inline monitoring

WWW.NUVAIR.COM   1600 Beacon Place • Oxnard, CA 93033 USA
phone +1.805.815.4044 | fax +1.805.486.0900   Page 1 of 2
(See page 2 for Full List of Models)
Rev 08.22

SKU	Model Description	Power
9450-B	Pro O2 Handheld	9V Battery
9450-E	Pro O2 Handheld	110/230V International Wall Plug-in
9450-LB	Pro O2 Handheld	Rechargeable Lithium Battery
9452-B	Pro O2 Remote	9V Battery
9452-E	Pro O2 Remote	110/230V International Wall Plug-in
9452-LB	Pro O2 Remote	Rechargeable Lithium Battery
9460-B	Pro O2 Remote Panel Mount	9V Battery
9460-DP	Pro O2 Remote Panel Mount	DIN Rail
9460-E	Pro O2 Remote Panel Mount	110/230V International Wall Plug-in
9460-LB	Pro O2 Remote Panel Mount	Rechargeable Lithium Battery
9462-B	Pro O2 Panel Mount	9V Battery
9462-DP	Pro O2 Panel Mount	DIN Rail
9462-E	Pro O2 Panel Mount	110/230V International Wall Plug-in
9462-LB	Pro O2 Panel Mount	Rechargeable Lithium Battery
9611-B	Pro O2 Alarm Handheld	9V Battery
9611-E	Pro O2 Alarm Handheld	110/230V International Wall Plug-in
9611-LB	Pro O2 Alarm Handheld	Rechargeable Lithium Battery
9612-B	Pro O2 Alarm Panel Mount	9V Battery
9612-B-R	Pro O2 Alarm Panel Mount Remote	9V Battery
9612-DP	Pro O2 Alarm Panel Mount	DIN Rail
9612-E	Pro O2 Alarm Panel Mount	110/230V International Wall Plug-in
9612-LB	Pro O2 Alarm Panel Mount	Rechargeable Lithium Battery