



domnick hunter

# Breathing Air Tester

## Air Quality Testing for Breathing Air Systems

The domnick hunter Breathing Air Tester enables air quality tests to be conducted when required, easily and quickly, to all International Breathing Air standards.

A user friendly menu driven display means air quality testing is both easy and quick to complete. Using proprietary test tubes, the unit will test for CO, CO<sub>2</sub>, Oil and H<sub>2</sub>O using the menu driven system which automatically sets the test duration. In addition, a selectable port is available with a pre-set flow and test period, user adjustable between one minute and 24 hours. Once the selections have been made, the test is automatic with no further adjustments being required. An inbuilt electronic sensor with a digital readout can also measure oxygen content.

Additionally, the unit has a selectable test facility for both mineral and synthetic oils. The Breathing Air Tester offers numerous benefits over previous generations of air quality testers.

Extremely low power consumption eliminates the necessity for the lengthy re-charging of batteries giving a prolonged life. In addition, the unit is significantly smaller and lighter, making it easier to transport on site. The unit is designed to test low-pressure airline breathing systems but can be used with a high-pressure regulator assembly to test HP cylinders.



## Features/Benefits

- Lightweight and portable kit in a robust carrying case.
- Digital oxygen content monitoring.
- Testing quality of breathing air to National and International Standards.
- Can be used with compressed air pressure up to 10 bar g (145psi g)

# Technical Specifications

## Breathing Air Tester

Countdown Timer	Yes
Flow Regulator	Yes
System Pressure Gauge	Yes
Flow Regulator	Yes
Flowmeter	Yes
Display	Digital LCD
	- Oxygen Content
	- Airline Temperature
	- Ambient Temperature

Power Indicator	Yes
Auto System Purge	No
Selectable Oil Test	Yes
Detection Tubes	Factory set for Dräger detection tubes

## Battery Charge

The batteries used in this unit are re-chargeable nickel cadmium type and when fully charged carry enough power to carry out ten consecutive tests.

The condition of the batteries can be checked at any time through the Status Menu which displays during testing as follows:-

- Re-charge
- Poor
- OK
- Good
- Excellent

## Dimensions

Width	Length	Height	Weight
355 mm	270 mm	155 mm	5 Kg

## Measurables

Oxygen	Yes
CO	Yes
CO <sub>2</sub>	Yes
Mineral Oil	Yes
Synthetic Oil	Yes
Water	Yes

## Test Tubes

For use with the following Dräger tubes

Carbon Monoxide CO	60 603 4960
Carbon Dioxide CO <sub>2</sub>	60 603 4970
Oil	60 603 4940
Water Vapour H <sub>2</sub> O	60 603 4950

Selectable Test Any tube based on 2l/min flow

Input Pressure	Regulated Test Pressure	Contaminant	Flow rate	Time
2 - 10 barg	2 bar	CO	0.2 l/min	5 mins
		CO <sub>2</sub>	0.2 l/min	5 mins
		Oil - Mineral	2 l/min	25 mins
		Oil - Synthetic	2 l/min	10 mins
		Water	2 l/min	2.5 mins

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