

F4000 Safe-Air Tester For Breathing-Air Systems



The F4000 Safe Air Tester is the latest generation of air quality testing instruments and enables breathing-air tests to be conducted easily and quickly. This ensures complete compliance with the relevant requirements of COSHH L5.

Mounted within a tough impact and weather resistant PELI case the F4000 unit can be removed from the case and used as a stand-alone unit, where this makes testing more convenient. Smaller and lighter than previous instruments the unit incorporates individual pockets for storing accessories. Powered by 6 no AA batteries the unit is also supplied with a mains power adaptor. The unit features a touch screen, menu driven display, making air quality testing both easy and quick to complete, with a typical test taking approximately 18 minutes.



The detection parameters of EN12021 1998 are met or exceeded during the automatically controlled test by the use of Draeger detector tubes to establish levels of carbon monoxide, carbon dioxide, oil and water. The correct oil test time can be selected from a list of over 360 compressor oils in the F4000's memory. In addition the F4000 is fully compatible with the new Draeger Impactor, which has no glass or hazard components and can test for all known synthetic and mineral oils. An inbuilt electronic sensor with digital readout measures oxygen content, whilst an electronic flowmeter allows airflows of up to 600 l/min to be verified.

At the end of each test results can be stored within the F4000's memory and then downloaded via the USB memory stick connection into PC compatible software which is supplied with each unit. This software provides an easy way to retain and print test results.

The unit is designed to test low-pressure airline breathing systems but can be used with the F3002 high-pressure regulator assembly to test HP cylinders. Factair's quality accredited instrument workshop provides recalibration and servicing for the unit. In fact a testimony to the robustness and quality of Factair's Safe-Air Testers is that units over 10 years old are still in daily use.

Model	Width	Length	Height	Weight
F4000	180 mm	470 mm	360 mm	7.5 Kg



Accessories



F2187 Tube Tip Cutter
(included as standard)



Travel Container
for used Detector
Tubes (included as
standard)



High Pressure Regulator
Up to 300 bar
(Included as standard with F4001 and F4001 ED)



6728371 6728531 6728511 6728521
Oil H₂O CO CO₂



8103560
Draeger Oil Impactor

Other Factair Breathing Air Quality Testing Instruments

F4000ED Safe-Air Tester with Electronic Dewpoint

To fully automate moisture determination the F4000 can be supplied complete with an integral electronic dewpoint meter (ED). This unit measures the moisture levels within the breathing air and records the information in pressure or atmospheric dewpoint levels as well as providing the reading in mg/m³. This dewpoint meter is specially suited to sample air quality testing ensuring an accurate moisture reading within the standard test time.

F4001 High Pressure Safe Air Tester

Designed specifically for high pressure systems, the F4001 comes complete with the F3002 regulator to reduce the pressure from a maximum of 300 bar. The F4001 features an odour check facility in the place of the digital flowmeter fitted in the F4000.

F4001ED High Pressure Safe Air Tester

As the F4001 but also incorporating the electronic dewpoint meter.