

F4001 Safe-Air Tester for High-Pressure Breathing-Air Systems



The F4001 Safe Air Tester is the latest generation of air quality testing instruments and enables breathing-air tests of high pressure systems and cylinders 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 F4001 unit can be removed from the case and used as a stand-alone unit, where this makes testing more convenient. The instrument is supplied as standard with the F3002 high pressure regulator assembly and connection hose. The F3002 incorporates a DIN connection to fit 200/300 bar cylinders.

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. An inbuilt electronic sensor provides a digital readout of the oxygen content. The correct oil test time can be selected from a list of over 360 compressor oils in the F4001's memory. In addition the F4001 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.

At the end of each test results can be stored within the F4001'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.

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
F4001	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 F4001ED)



6728371 6728531 6728511 6728521
Oil H₂O CO CO₂



8103560

Other Factair Breathing Air Quality Testing Instruments

F4001ED Safe-Air Tester with Digital Dewpoint

To fully automate moisture determination the F4001 can be supplied complete with an integral digital dewpoint meter. This unit measures the moisture levels within the breathing air and records the information in 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.

F4000 Low Pressure Safe Air Tester

Designed specifically for high pressure systems, the F4000 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.

F4000ED Low Pressure Safe Air Tester

As the F4000 but also incorporating the electronic dewpoint meter.