

F4501 High Pressure Safe Air Tester for Breathing Air Systems

The F4501 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 F4501 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.

F4501 Safe Air Testers are fitted with internal lithium rechargeable batteries and in addition also have a battery tray which accommodates 6 AA alkaline type batteries. In the event that the rechargeable batteries are not sufficiently recharged then you can continue to use the instrument with either the alkaline AA batteries or a mains power supply.

The unit features a colour touch screen, menu driven display, making air quality testing both easy and quick to complete, with a typical test taking about 18 minutes.

The detection parameters of EN12021:2014 are met or exceeded during the automatically controlled test by the use of Draeger detector tubes to establish levels of carbon monoxide, carbon dioxide and water. For oil the instrument can use either the Draeger Impactor or oil tube.

The new Draeger Impactor has no glass or hazard components and can test for all known synthetic and mineral oils. An inbuilt electronic sensor measures oxygen content and the percentage concentration is displayed, whilst a push button allows the odour to be checked through a sintered exhaust port. components. At the end of each test results can be stored within the F4501's memory (up to 20 tests can be stored) and then downloaded via the USB cable into PC compatible software, which provides an easy way to retain and print test results.



Model	Width	Length	Height	Weight
F4501	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



USB A to Male USB B
Connection Cable



6728371 6728531 6728511 6728521
Oil H₂O CO CO₂



8103530
Oil Impactor

DRAEGER DETECTOR TUBES/ IMPACTOR			
Carbon Monoxide	CO	-ref 6728511	5 – 150ppm
Carbon Dioxide	CO ₂	-ref 6728521	100 – 3000 ppm
Water	H ₂ O	-ref 6728531	5 mg/m ³ – 200 mg/m ³
Oil (Impactor)		-ref 8103530	0.1 mg/m ³ – 1.0 mg/m ³
Oil (Tube)		-ref 6728371	0.1 mg/m ³ – 1.0 mg/m ³