

F8004 Multi-Air Tester



Available from Spring 2019, the F8004 Multi-Air Tester is Factair's most advanced portable medical and breathing-air quality monitoring instrument.

With a 7" touch screen colour display the instrument has been designed for ease of use making it easy to verify the quality of medical, surgical and dental air against a range of international standards including EU Pharmacopoeia, HTM 02-01, HTM2022 Supplement 1. The instrument can also test breathing-air supplies to EN 12021, CGA G-7.1-2011 grade D and AS-NZS 1715:2009.

The F8004 incorporates electronic sensors for carbon monoxide, carbon dioxide, oxygen, nitrous fumes (both nitrogen monoxide and nitrogen dioxide) and sulphur dioxide. Levels of volatile organic compounds (VOCs) are tested with a PID sensor and a sample test point allows you to test for the presence of oil aerosols using a Dräger Impactor. An electronic dewpoint meter measures moisture content.

Test results are saved in the instrument's memory and can then be downloaded, to PC software provided with the instrument.

Powered by either internal rechargeable batteries or direct from a mains power supply the F8004 also has a test mode for continuous live sensor readings with data logging.



TECHNICAL DATA		
SENSORS	RANGE	SENSOR TYPE
O ₂	0-25%	Electrochemical
CO	0-20 PPM	Electrochemical
SO ₂	0-10 PPM	Electrochemical
NO _x	0-10 PPM	Electrochemical (NO and NO ₂ sensor)
CO ₂	0-2000 PPM	Non-Dispersive Infrared
VOCs	0-40 PPM	Photoionisation Detector (PID)
Moisture	-100°C to +20°C Pressure Dewpoint	Ceramic Moisture Sensor Dewpoint Meter
Test Port	Impactor for oil aerosols and Dräger detector tubes	
Connectivity	Individual test results and continuous data logging files can be downloaded via a USB A to B cable provided with the instrument	