

F3004 Medic-Air Tester



The F3004 Medic-Air Tester enables the quality of medical and surgical air systems to be established as required by the European Pharmacopoeia Directive.

Developed from the proven F3000 and F3001 Safe Air Testers for breathing-air systems, the F3004 sets new standards in medical air quality instrumentation. With its user-friendly menu, air quality testing is easy to complete and once set the instrument can be left unattended to complete a test.

The detection parameters of the European Pharmacopoeia Directive are met or exceeded during the automatically controlled test by using Draeger detector tubes with detection parameters, as detailed below. These establish levels of carbon monoxide, carbon dioxide, water vapour, oil, nitrous fumes, sulphur dioxide present in the air sample, as well as various easily oxidised compounds via a Polytest. An in-built electronic sensor with digital read out measures oxygen content together digitally recorded system pressures and temperatures. The F3004 incorporates a programmable test facility to cater for a full range of mineral and synthetic oils.



The instrument is completely portable, operating from standard AA batteries, which provide a prolonged operating life. The unit is supplied with a 'laptop' style carrying case which protects the unit during transport and has individual pockets for storing chemical reagent tubes, inlet adaptors, tube tip cutter and documentation.

The F3004 will test systems between 1.5 bar and 10 bar and can be provided with an optional regulator and connecting hose to accept pressures up to 20 bar.

DRAEGER DETECTOR TUBES

Compound	Chemical Formula	Reference	Detection Range
Carbon Monoxide	CO	-ref 6728511	5 - 150 ppm
Carbon Dioxide	CO ₂	-ref 6728521	100 - 3000 ppm
Water Vapour	H ₂ O	-ref 6728531	5 - 200mg/m ³ & 50-2000 mg/m ³
Oil Impactor		-ref 8103530	0.01 mg/m ³ – 0.1 mg/m ³
Oil		-ref 6728371	0.1mg/m ³
Oil Impactor		-ref 8103530	0.1 –mg/m ³ – 1.0mg/m ³
Nitrous Fumes	NO _x	-ref CH29401	0.5 - 10 ppm (x 0.5 therefore 0.25-5 ppm)
Sulphur Dioxide	SO ₂	-ref 6728491	0.5 - 5 ppm
Polytest		-ref CH 28401	Sensitivity dependant on compound present

Model	Width	Length	Height	Weight
F3004	105 mm	320 mm	255 mm	5.5 Kg

factair

F3004 Medic-Air Tester



Accessories Included

Soft Carry Case



F2187



Tube Tip Cutter



Travel Container
for used Detector
Tubes

Optional Extras

F2146 Factair
Weatherproof
Hard Case



F3005

20 Bar Regulator



Detector Tubes

Oil Impactor Oil H₂O CO CO₂ Polytet NO_x SO₂



8103530



6728371



6728531



6728511



6728521



CH28401



CH29401



6728491