

F2257 Breathing-Air Filtration & Back Up Trolley



The F2257 breathing-air back-up trolley and the F2257A breathing-air filtration and back-up trolley is to provide breathing quality air from a compressed air supply for up to 2 users wearing positive pressure demand masks. The 3 stage filtration system on the F2257A comprises a pre-filter, coalescing and carbon stage, removing liquid and solid particulate down to a size of 0.01 micron and then oil vapour and odour down to 0.003 p.p.m (exceeding the criteria laid down in BS EN 12021).

In the event of a failure of the main air supply the F2257 incorporates an alarmed fully pneumatic automatic emergency reserve system.

Incorporating 2 off 9 litre 200 bar steel cylinders, the fully pneumatic system automatically switches to the high pressure reserve in the event of the low pressure supply falling below 5 bar and at the same time activating an oscillating high decibel sounder.

The oscillating alarm will also warn the users if the air in the high pressure cylinders falls below 100 bar.

The F2257 is provided with a 1/2" BSP inlet connection and on the outlet to the unit there are 2 off Draeger/Scott compatible breathing air outlet couplings.

The control panel on the F2257 incorporates gauges for the breathing-air outlet pressure and the high pressure cylinder pressure. To provide an easy reference the control panel has 3 condition indicators, which change from red to green when the system is functioning correctly, these are:

- Supply pressure status
- HP Cylinder Status
- Emergency reserve availability status

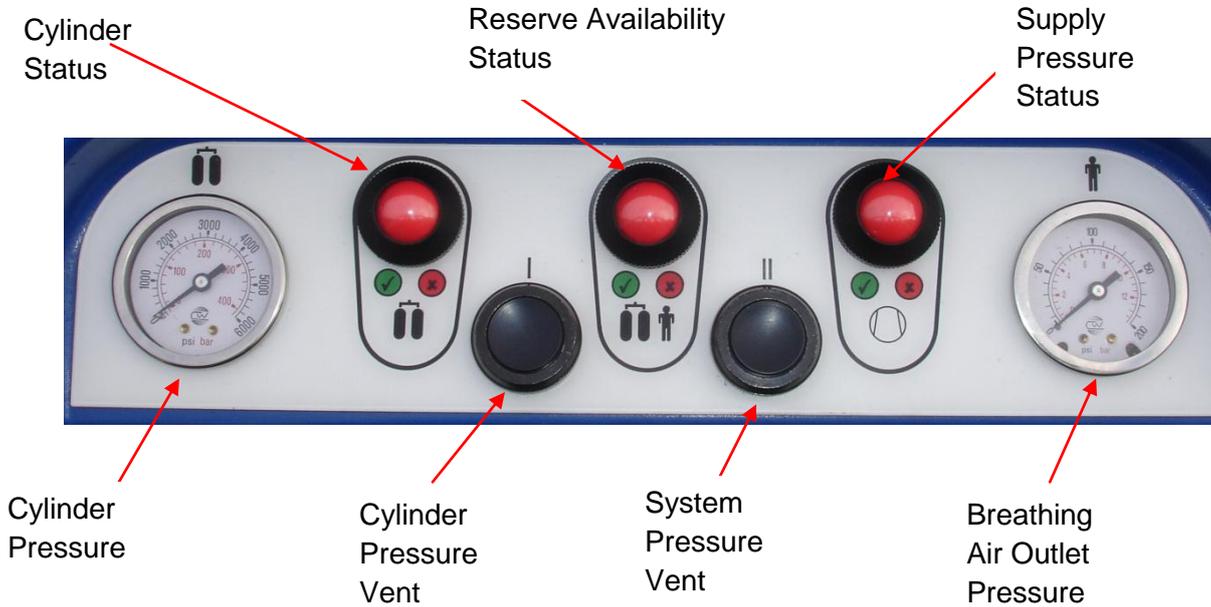
Built to last the F2257 is mounted within a tough polyethylene housing. With virtually no ferrous components the unit incorporates stainless and aluminium components and its fully pneumatic control system makes it suitable for use in tough and arduous environments. The stainless steel wheeled frame allows the unit to be easily manoeuvred into position.



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Control Panel



F2257 Technical Data

Minimum Supply Pressure	Maximum Operating Pressure	Inlet Connection	Outlet Connection	HP Reserve	Weight (Kg)	Length (mm)	Width (mm)	Height (mm)
5.5 barg	10 barg	1/2" BSP	2 off Draeger/Scott compatible outlet couplings	2 off 9 litre 200 Bar Cylinders (Optional 300 Bar available)	60	600	560	1040

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A range of Mobile Breathing-Air Compressors and Trailair Cylinder Sets are also available.