

Air Station

A breathing air filling station specifically designed for outdoor applications allowing air cylinders to be filled outside of shop hours and/or without involving staff. The filling station is housed in a weather proof stainless steel housing for wall mounting, this cabinet has a standard cylinder lock in the door.

Payment is processed using programmable magnetic keys which are issued to customers and a credit "loaded" on to the key. The digital display indicates the remaining credit on the key as the filling process takes place.

The filling station is equipped with an easy to use, self venting lever filling valve which can control up to 4 filling hoses. The filling hoses are equipped with the L&W patented anti-whip DIN safety ends or yoke connections. The venting is inside the housing and suppressed with a silencer reducing noise to a minimum, especially important for "out of hours" use.

The air station is easy to use, the key is placed in the holder and a start/stop switch controls the fill. The unit has an automatic final pressure shut-off and a safety valve for the final pressure. The storage pressure that supplies the air station and the filling pressure are shown on 2 pressure gauges. An emergency switch provides an additional safety feature.

The units comes complete with an interface for crediting and/or analysing the magnetic keys, including a cable to a serial 9-pole PC port. The software (included) will run on a windows PC. The data port is a serial 9 pole RS 232 port.

Specifications

- >> Lockable, all weather stainless steel housing
- >> Type tested final pressure safety valve (225 bar)
- >> Two pressure gauges (0-400 bar, Ø 63 mm, class 1.6)
- >> Choke for controlling the air flow to 800 litre/min
- >> LCD Display, 2 LED control lights
- >> Automatic final pressure shut off
- >> Stainless steel filling hose holder
- >> High pressure piping, stainless steel
- >> 8 mm bulkhead fitting for air inlet
- >> Central lever filling valve, self venting
- >> Silenced venting inside the housing
- >> 1, 2, 3 or 4 Filling hoses with certificate, length: 1000 mm (other lengths available on request)
- >> DIN 200 bar non-whip safety DIN, or yoke connections
- >> Start, Stop & Reset buttons, emergency off switch
- >> Filling instructions and complete documentation templates

Option: Removable memory module

- >> Separate lockable cabinet housed inside the stainless steel cabinet contains "plug-in" memory unit that stores the data from the air station.
- >> Data can then be downloaded via RS232 port for storage and analysis.
- >> Ideal for remote air stations where the owner/operator makes regular control visits.



Technical Data

Filling pressure [bar]	Inlet pressure [bar]	Filling rate [litre/min.]	Power supply	W x H x D [mm]	Weight [kg]
200, 232 or 300	max. 350	800 (+/- 5%)	230V AC, 50 Hz, approx. 15 Watt	600 x 760 x 210	42