

## Mini Compressed Air Station

### Description

Having compressed air in a laboratory is a must, but in most of them, no oil-free compressed air is available. The LNI Schmidlin SA Mini Compressed Air Station has been designed to provide 1.5 NI/min of oil-free and pre-dried compressed air at up to 5 bar.

Always ready to use, never empty this station is the ideal accessory for the complete laboratory and the right alternative to compressed air gas cylinders.

#### Functioning principle:

The internal pump compresses the ambient air. Once compressed, the air is cooled and dried by an automatic coalescent filter and a static dryer. Then the air is regulated in pressure, dust filtered and ready to use.

Air is pre-treated as far as the particle ( $0.1 \mu\text{m}$ ) and the humidity ( $0^\circ\text{C}$  Dew Point) are concerned. Additional residual impurities like  $\text{CO}_2$ ,  $\text{CO}$ ,  $\text{HC}$ ,  $\text{NO}_x$ ,  $\text{SO}_2$ ,  $\text{O}_3$  and moisture remains and need to be treated differently and with additional devices.



- ☒ Always available
- ☒ Oil free
- ☒ Save money
- ☒ Easy installation

### Applications



The Mini Compressed Air Station can be used as external compressed air source for more sophisticated zero Air purifiers.

Other applications of Mini Compressed Air Station:

- Air purge for GC-ATD
- Air Shield for DSC
- Air for particule sizing by laser diffraction
- Air for pneumatic controls

## Specifications

Delivery Pressure :	atm to 5 barg
Dew Point :	< 0°C
Particles filtration level :	< 0.1 µm
Sound level :	< 65 to 70 dbA
Drying system :	By coalescent filter and static dryer
Fittings :	Outlet Air 1/8" Swagelock
User interface :	Pressure setting
Power requirements :	230V/50-60HZ - 115V/60Hz - 100V/60Hz

	Mini Air Station
Flow rate (NI/min)	1.5
Net Weight (Kg)	7
Shipping Weight (Kg)	10.2
Dimensions (cm) (WxDxH)	16x35x25
Shipping Dim.(cm)	41x51x36
Power consumption (Watt)	150

## Options – Accessories – Spare parts

### Models:

6910 07 010	Mini compressed air station 1.5 NI/min, 230V/50-60Hz
6910 07 012	Mini compressed air station 1.5 NI/min, 115V/60Hz
6910 07 014	Mini compressed air station 1.5 NI/min, 100V/60Hz

### Consumables:

6700 13 872	Kit of diaphragm and valve (popets) for the compressor
3741 40 020	Dust filter 1/8



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