LNI Schmidlin SA

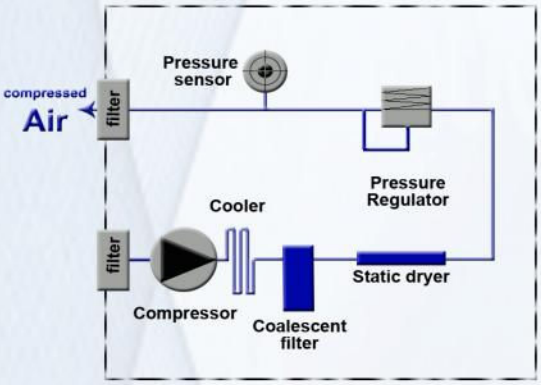
The innovative swiss made products

ISO 9001 : 2000 CERTIFIED

Mini Compressed Air Station — Air Generator

Often, untreated compressed Air is needed in the Laboratory for many different applications like pneumatic cylinder movements, drying methods and feed compressed Air for Zero Air Generators for the gas chromatography etc... The **Mini Compressed Air Station** has been designed to provide 1.5 NL/min of oil free and pre-dried compressed Air at up to 5 bar. With its very small size, the **Mini Compressed Air Station** is the right alternative to compressed Air gas cylinders. Always ready to use, never empty this station is the ideal accessory for your laboratory. If no compressed air is used, the unit goes into a standby mode. The **Mini Compressed Air Station** has also been designed to aliment the LNI Schmidlin SA "Lab Top" **Zero Air**.





Functioning principle:

When switched on, the internal pump compresses the ambient air. Once compressed, the air is cooled and dried by an automatic coalescent filter plus a static dryer. Then, the compressedair is regulated in pressure and ready to use. The compressor is protected against over pressures by a relief valve.

The applications — Laboratory

Ambient air is aspirated and compressed up to 5 bar. The air will be pre-treated as far as the Particle (0.1 um) and the humidity (0°C dew point) are concerned. Additional residual impurities like CO_2, CO, HC, NOx, SO_2, O_3 and moister remains and need to be treated differently and with additional devices.

The **Mini Compressed Air Station** can be used as external compressed air source for more sophisticated Zero Air purifiers. Equipped with a small buffer reservoir, the unit goes into the standby mode if no compresses air is required.



Other applications of oil free Compressed Air :

- Air purge for GC-ATD
- Air shield for DSC
- Air for particle sizing by laser diffraction
- Air for pneumatic controls

Specifications

Mini Air Station 1500

Flowrate :	1500 Nml/min
Delivery Pressure :	atm - 75 psig / atm - 5 barg (at 1500 Nml/min)
Dew Point :	< 0°C
Particle filtration level:	< 0.1 um
Sound level	< 50 dbA
Drying system:	By coalescent filter and static dryer
User interface:	Pressure setting, system status, user parameter Touch screen / LCD graphic display
Remote command:	USB / download of the logfile possible
Stand-by mode:	by request or automatically if nocompressed air is requested
Dimensions [cm] :	16x35x25 (WxDxH)
Shipping Dim [cm] :	41x51x36 (WxDxH)
Net weight [kg] :	7 Kg
Shipping weight [kg]	10.2 Kg
Power consumption [Watt]:	150 W
Power requirments:	230V/50Hz - 230V/60Hz - 115V/60Hz - 100V/60Hz

Articles, Options and Spare Parts

6710 07 01X	Mini Comp Air Station 1500
6710 07 01X	Mini Comp Air Station 1500
6710 07 01X	Mini Comp Air Station 1500

Where X=0 for 230V/50Hz or 230V/60Hz
X=2 for 115V/60Hz
X=4 for 100V/60Hz

SPARE PARTS and CONSUMABLES for maintenance :

6710 07 110	Set of filters (dust filter + coalescent filter)
6710 07 120	Kompressor Kit



LNI Schmidlin SA
46, Chemin de l'Etang CH-1219 Genève, Suisse
Tel : +41 22 979 37 24 fax : + 41 22 979 37 20
e-mail : info@lnsgas.com www.Lnsgas.com

Linea10
The innovative swiss made products