

SICOLAB

The impressively quiet laboratory station



**DÜRR
TECHNIK**

SICOLAB – The Silent Compressors for Laboratories

silent – compact – mobile

The compressor stations for the laboratory

Oil-free compressors in laboratories and clean rooms are mostly used directly at the workplace. Therefore, the oil-free compressors have to be at the same time extremely silent, powerful and compact – typical of Dürr Technik laboratory stations.

The oil-free compressors have an appealing, modern design. One of the main features is their space saving compact dimensions, which means they fit neatly under the bench/lab counter. The sound-proofed compressors can be operated intuitively due to Plug-and-Play features. True to Dürr Technik tradition SICOLAB compressors run reliably and continuously.

Unbelievably quiet

Low-vibration

Compact dimensions

Attractive design

If you require dry air for your application, we can integrate our membrane dryer into the anti-vibration housing. With this component the laboratory compressor station generate clean, dry compressed air - perfection made by Dürr Technik.



←..... Anti-bacterial coating for the interior tank

←..... Additional compressed air connection on the back

←..... Very long service life

←..... Grips

←..... Membrane dryer

- Innovative, modern drying system
- 100 % continuous running
- Flexible: pressure humidity point adjustable to the respective specification
- Economical purge air consumption, good energy-efficiency
- Patented pressure limitation valve for optimizing the starting process

Plug-and-Play

due to the quick-coupling feature

Adjustable supply pressure

easy to set up to 8 bar



Sterile filter

filtration grade 0.01 µm

Active carbon filters

filter odours and gaseous elements out the compressed air

Wheels

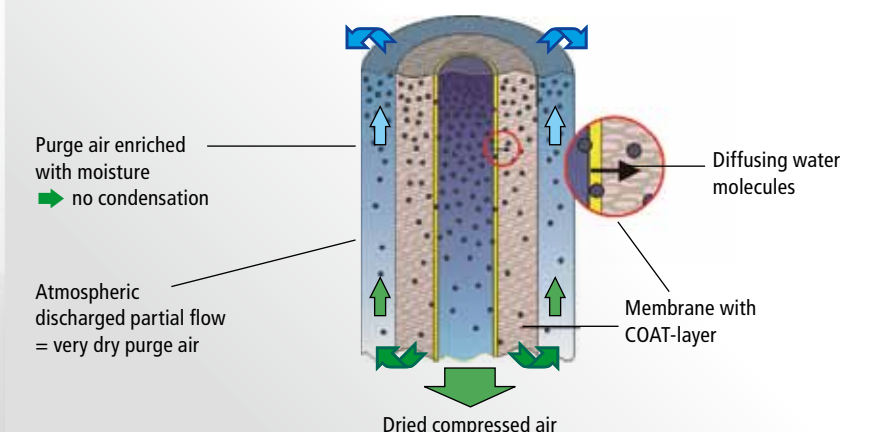
incorporated into the housing

100 % continuous running

Condensate collector



Membrane drying function



Compressed air specifications:

- Maximum operating pressure, 8 bar
- Pressure humidity point drop by up to 65 K
- Air quality according to ISO 8573-1 up to class 2

Ambiant conditions:

- Relative humidity up to 95 %
- Temperature range 5 °C to 40 °C

Options:

- Membrane dryer
- Sterile filter 0.01 µm
- Active carbon filter
- Special voltages on request

Your benefits:

- Low noise
- Compact design
- Plug-and-Play
- 100 % continuous running
- Oil-free
- Low-vibration
- Very long service life
- Large variety of versions




TECHNICAL DATA

Type	Air flow at 5 bar (l/min)	Nominal pressure PN (bar)	Noise level PN dB (A)	Weight (kg)	Receiver capacity (l)	Voltage (V)	Frequency (Hz)	Dimensions L x W x H (mm)
SICOLAB 062	37	7	46	72	24	230	50/60	625 x 500 x 661
SICOLAB 100	70	7	48	76	24	230	50/60	625 x 500 x 661
SICOLAB 200	145	7	49	85	24	230	50	625 x 500 x 661



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