

- → First appliance with an alphanumeric plain-text display
- Naturally low-noise
- → Fully developed safety system
- → Maximum oxygen concentration is reached extremely quickly directly after switching on
- Constant monitoring of all operational data and value display of at the push of a button
- Permanent check of the oxygen flow
- Optimal service and maintenance facilities due to easy accessibility of all subassemblies
- No calibrations required at all
- Multistage-design filter system for long-term operation
- → O₂ indicator display
- Display of the telephone of the appropriate dealer in the event of service requirements
- Recording of total as well as individual operating hours
- → Recording and saving faults that may occur Message can be retrieved
- Easy to extend due to modular design

SERVICE AND MAINTENANCE FACILITIES

The Prècise 6000 series of oxygen concentrators is made up of innovative products with tried-and-trusted technology. During development particular attention was paid to the following points:

- Easy accessibility and straightforward layout of all components
- No adjustment work due to the fully developed technology
- Lengthier maintenance intervals due to low-wear operation
- Durability due to the multistage design of the filter system

THE TECHNICAL DATA

	Model P 6000	Model P 6000 S
Dimensions:	55 x 21.5 x 55 cm	55 x 21.5 x 55 cm
Weight:	approx. 21 kg	approx. 21 kg
Operating voltage:	230 V/50 Hz	230 V/50 Hz
Nominal current:	2.0 A	2.0 A
Flow:	0.5 l/min	0.6 l/min
Oxygen concentration:	0.1-3 l/min 95 +/- 3 vol.% O ₂	0.1-4 l/min 95 +/- 3 vol.% O ₂
	-4 l/min 90 +/- 3 vol.% O2	-5 I/min 88 +/- 3 vol.% O²
	-5 I/min 82 +/- 3 vol.% O2	-6 I/min 80 +/- 3 vol.% O2
Sound pressure:	39 dB(A) according to ISO 3743	39 dB(A) according to ISO 3743
Output pressure:	300 - 350 mbar	300 - 350 mbar
	according to DIN EN ISO 8359	according to DIN EN ISO 8359
Coarse filter:	accessible from the front	accessible from the front
Fine filter:	two-fold in casing	two-fold in casing
Micro filter:	in the appliance	in the appliance
Bacterial filter:	in the appliance	in the appliance
Guarantee:	3 years	3 years

THE OPTIONAL EXTRAS

Optional extra "M" = Permanent oxygen concentration monitoring

(OCSI = Oxygen Concentration Status Indicator)

Measuring range: 21-98 vol.% 02

Measuring accuracy: +/- 3 vol. % 02

Optional extra "D" = RS 232 interface also accessible from the outside

Connections for: O₂ economy monitor, service programming, service evaluation

Optional extra "I" = Integrated negative O₂ ionisation

Operation via IR remote control

Capacity: 5 million negative ions/cm ≥,

Ionisation voltage: 3KV

The components illustrated and described can be individually varied and are not in each case part of the standard extent of delivery. Particulars and data correspond to the knowledge available at the time of printing. Subject to alteration.

Your contact:





THE OXYGEN CONCENTRATOR



procedure.

sieve.

■ Step 1 – ambient air is drawn into a compressor

■ Step 2 — nitrogen molecules are bound to the

through the molecular sieve,

oxygen obtained.

third column.

on the appliance.

surface of the molecular sieve and as a result separated from oxygen molecules, which pass

Step 3 – the molecular sieve is vented by flush-

ing the nitrogen found therein with a part of the

In the three-column medicap technique one column

is always filled on an alternating (cyclical) basis,

nitrogen is separated from oxygen in a further

column and the molecular sieve is flushed in the

This method guarantees – in this way without an

additional reservoir – a continuous oxygen flow.

As a result, an extremely rapid oxygen concentra-

tion build-up is achieved directly after switching

and compressed in a container with a molecular

Alphanumeric plain-text individual operating hours

display to monitor and display all operational data, including among others the service telephone number as well as the total and

précise

..... CONTINUOUS

OXYGEN CONCENTRATION, ...

With the oxygen concentrator from the Prècise 6000 series you have chosen the right concentrator. Due to the use of state-of-the-art, wear-free sensor technology the appliance guarantees the user a safe supply of oxygen.

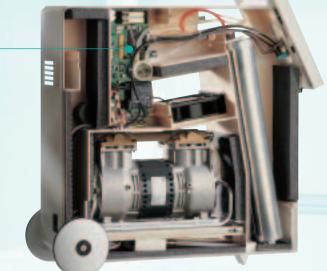
Comprehensive electronics permit:

THE SAFE CONCENTRATOR

- A permanent check of the oxygen concentration by means of wear-free ultrasonic sensor technology. Threshold display according to DIN EN ISO 8359 ("M" version).
- Monitoring of the necessary operating pressure.
- Optical and acoustic signal in the event of a
- Monitoring of the function of the molecular
- Optical and acoustic signal if the permissible

Cleverly devised electronics and software in conjunction with the display ensure the best possible information for the user

- Continuous O₂ flow monitoring.
- power failure.
- sieve and the valve with automatic shutdown.
- operating temperature is exceeded.



medicap 3-column technology for

molecules – nitrogen flushing

of nitrogen from oxygen

..... INNOVATIVE, TRIED-AND-

TRUSTED DURABLE TECHNOLOGY

OXYGEN MEASUREMENT ("M" VERSION)

A wear-free ultrasonic sensor measures the oxygen concentration output. Measurement takes place continuously. Any possible deviation from the setpoint values is immediately signalled to the user in the display. The status display required by DIN is fully guaranteed. Three threshold values indicate the following to the user:

- → oxygen supply with more than 82 vol.%
- O₂ < (smaller than) 82 vol.%
- -> check the filter and flow rate respectively
- O₂ < (smaller than) 72 vol.%
- → call the service technician, compressor switches off automatically

THE DIAGNOSIS

A comprehensive diagnosis system makes it easier for the service technician and specialised dealer respectively to precisely assess the fault on the telephone. This frequently enables a quick solution to the problem without any complicated service action.

At the push of a button the operator is provided with a multitude of information. Thus, the telephone number of the service unit, the software version and equipment of the appliance, time and date, current value of the oxygen concentration, pressure values of the molecular sieves, individual operating hours and total operating hours respectively, current interval time and the last three fault messages are displayed.