

# Extra dry for non-stop top performance

DRYING UNIT FOR DÜRR COMPRESSORS



Dental quality compressed air should not only be oil-free but also absolutely dry. Air of this quality protects both dental instruments and equipment from oxidation, and the tank contents from microbial growth. What is more, dry air ensures an ideal treatment conditions in the patient's mouth. The new Dür Membrane Dryer System enhances the quality of compressed air, a benefit appreciated by the dentist in the practice, as by the technician in the dental laboratory:

- ▶ Maximum dryness of dental compressed air
- ▶ 100 % continuous duty compressor
- ▶ Low pressure dew point at  $\leq 5^{\circ}\text{C}$  (at  $40^{\circ}\text{C}$  ambient temperature)
- ▶ Compact shape for space-saving installation
- ▶ Elegant design matching Dür Silver Airline compressors
- ▶ Maintenance-free – the filter needs changing just once a year

**SILVER AIRLINE**

**DÜRR  
DENTAL**

# Completely dry air whenever you need it

## DRYING UNIT FOR DÜRR COMPRESSORS

### High-quality compressed air from Dürr Dental

Dürr Dental has been at the cutting edge of new developments in dental compressed air technology for the past 50 years. With impressive results in performance, reliability and air quality. That's why Dürr compressors have become a byword for high-quality dental compressed air: air that is oil-free, hygienic and dry.

Dürr Dental now presents a new drying unit for its compressors which improves dental air quality and maximizes perfor-

mance. For the new Membrane Dryers not only deliver air that is almost completely dry, but also enable the compressors to operate without interruption.

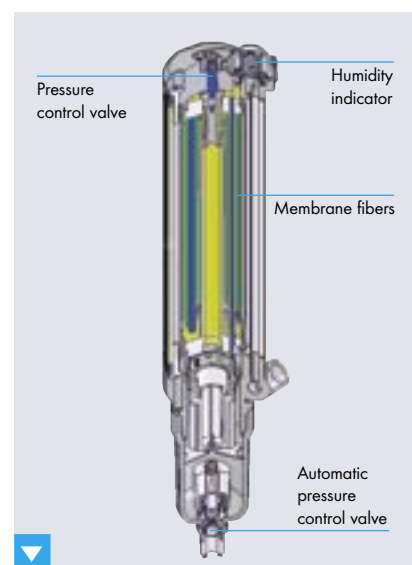
### New Dürr membrane technology for effective drying

Progress begins with ideas and Dürr Dental develops ideas into simple yet intriguing solutions. With conventional dry air technology the air has to be conducted through cooling coils and hygroscopic granules. Then, in a further process, the granules themselves are dried again. With the new membrane

drying system the drying process is simplified to a diffusion of the air through many membrane layers. The air that is filtered out is let off. This new system produces highly effective results, eliminates the regeneration step and is always ready to deliver dental air when required.

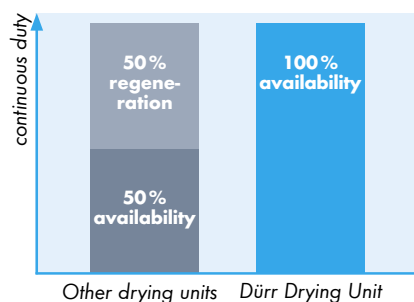


The new Dürr Drying Unit is available for a wide range of Dürr Compressors: e.g. Primo, Duo, as well as Tornado 70 and 130.



Dürr Drying Unit shown in detail

### Performance curves of compressors using drying systems



| Air quality characteristics           | Dürr Drying Unit |
|---------------------------------------|------------------|
| Pressure dew point (at 40 °C ambient) | ≤ 5 °C           |
| Pressure dew point reduction          | 35 Kelvin        |
| Filter mesh (sterile filter)          | up to 0.01 µm    |
| Technical data                        |                  |
| Compressor duty cycle                 | 100 % duty cycle |
| Voltage                               | 230 V, 50-60 Hz  |
| Current consumption                   | 140 mA           |
| Dimensions (H x W x D)                | 54 x 28 x 18 cm  |

DÜRR DENTAL AG  
Höfigheimer Strasse 17  
D-74321 Bietigheim-Bissingen

www.duerr.de  
info@duerr.de

