

Technological edge for dental clinics and universities

Dental compressed air and suction systems from Dürr Dental



Suction systems for up to 60 users

Generation Tyscor

Quiet

With a sound-absorbing housing and engineering designed for low noise, Tyscor is a particularly quiet system.

Dental technology is undergoing a radical transformation

In addition to the familiar quality and reliability, the newly developed suction systems with radial technology in the Tyscor premium range from Dürr Dental set new standards in terms of performance and efficiency.

Scalability

The electronic control system in the Tyscor suction units offers a new world of scalability. As a result, a Tyscor V 20 system can be easily expanded to a Tyscor V 30. It is also possible to run two systems off a single suction line.



Versatile

Whatever the situation in the clinic, Tyscor suction units are always the right choice.

Network compatible

With network connectivity as standard, Tyscor and the separation tank are easy to integrate in your digital monitoring setup via the software, keeping your staff in the picture at all times about the status of the devices.

Wastewater pump

The integrated wastewater pump helps keep your work straightforward and interruption-free.

Water rinse

As standard, the inside of the separation container is rinsed daily for a short time with water and Orotol® Plus. This fully automated cleaning function guarantees safe, reliable operation and contributes to preserving the value of the product.

Separation

The separation container with up to 2 intakes separates the suctioned secretion safely and reliably. The large volume and standard wastewater pump ensure interruption-free operation.



Energy efficiency

The speed-controlled radial technology of the Tyscor suction systems delivers outstanding performance, particularly in terms of energy consumption. Its load-dependent automatic adjustment provides constant suction at all times – and saves money in the process.

Compressed air systems for up to 80 workstations

Dental compressed air

Premium compressed air quality

Continuous supply of dry, oil-free and hygienic air, flavourless and odourless, for continuous operation.

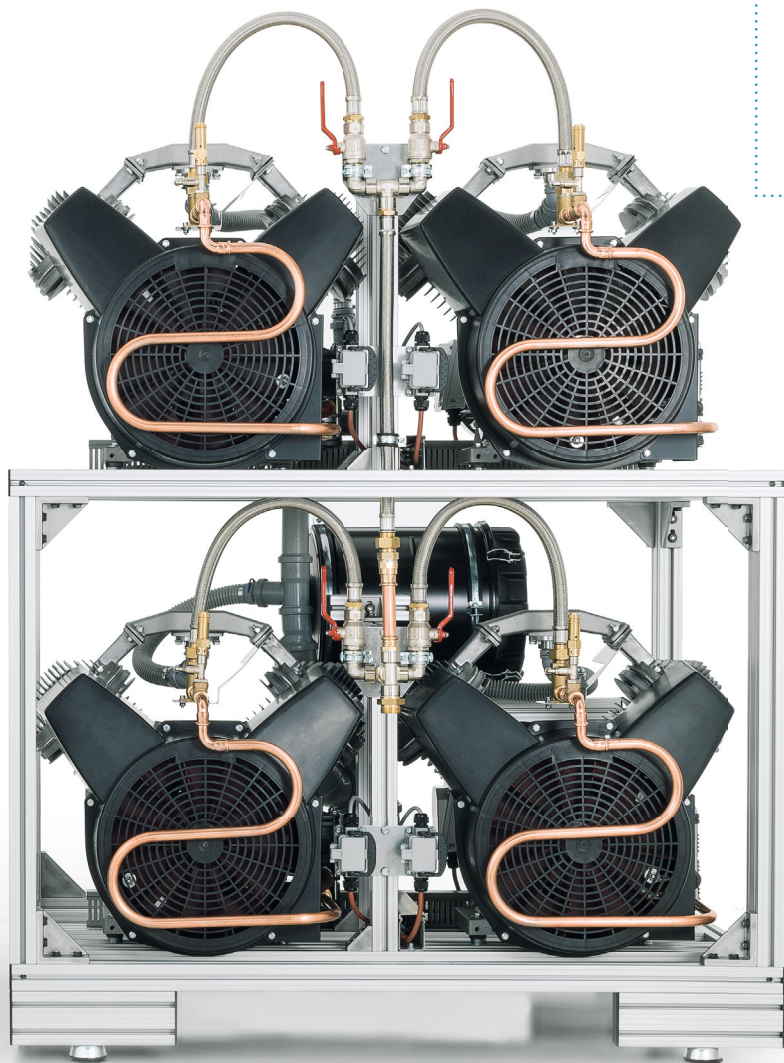
Cost efficiency

Cost & energy savings thanks to demand-based control of the individual units.

Central remote monitoring

The central remote monitoring function offers clear and convenient access to messages, operating hours, filter changes, etc. for all DÜRR DENTAL clinic units. A connection can also be established to the existing central control station via the integrated network interface.





Intelligent load change

Multiple compressor units are used for unbeatable operational reliability.

Intelligent control system

The intelligent control system ensures high operational reliability and optimised load changes for individual units, thereby increasing the service life of the entire system.

Two-step drying

Use of two integrated drying stages for the highest compressed air quality.

Suction systems for 8–12 users

8 users



VS 4 Tandem

12 users



VS 4 Tridem

8 → 12

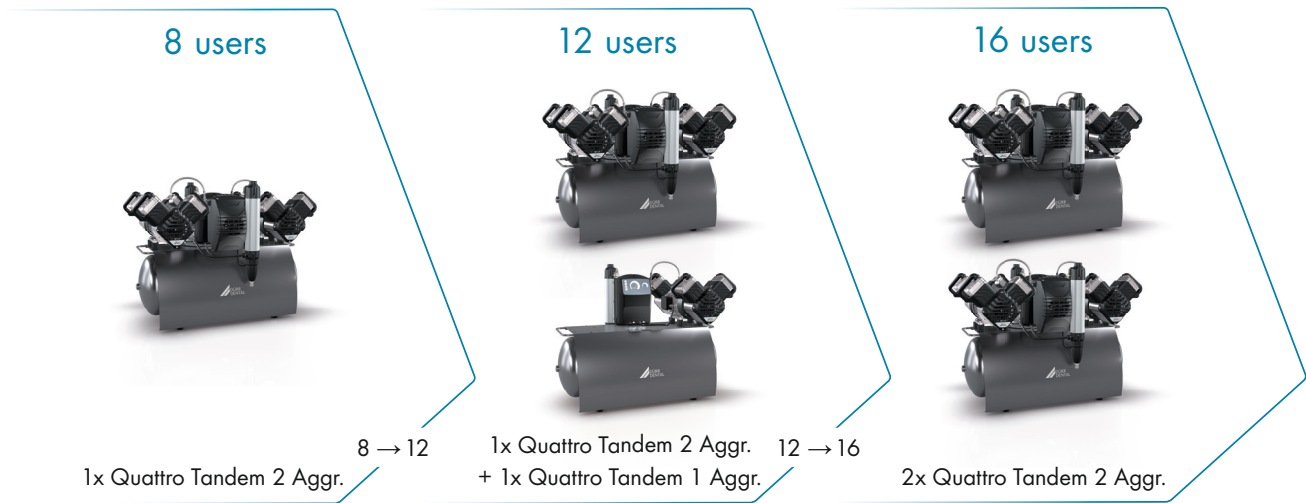
With the intelligent, electronic control of the Tyscor generation, the suction systems can adapt to the needs of the practice and grow with them as and when required. In this way, up to three Tyscor VS 4 devices can be operated in parallel on one suction line. The demand-based control of the individual suction stages ensures a markedly lower energy consumption in the clinic.



The combination of the powerful dry suction unit V 2400 and the separation tank offers the perfect solution for large practices or small clinics with up to 8 users. The high-quality stainless steel separation tank ensures a long service life.



Compressed air systems for 8–16 users



The Silver Airline compressors in the Tandem variant are a future-proof solution that offers outstanding operational reliability. With the option of modular upgrades, this is a flexible solution with built-in expansion capability. Intelligent control also permits parallel operation of two Tandem compressors on a single compressed air line, which boosts

performance reserves. Not only this, but the Tandem devices can also be upgraded with a further aggregate. All these options are designed to help you react flexibly in the future to changing requirements for compressed air in your practice or clinic.



Silver Airline Quattro P 20 combines maximum air delivery capacity with a minimal footprint for both dental laboratories and larger practices. Its redundant system ensures highest reliability – for up to 16 users.

Technical data

Model	Tyscor V 20	Tyscor V 30	Tyscor V 40	Tyscor V 50	Tyscor V 60
Voltage (V)	400 (3~)	400 (3~)	400 (3~)	400 (3~)	400 (3~)
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Current consumption (A)	14	19	14 each ¹	14 or 19 each ²	19 each ³
Net weight (kg)	180	200	360	380	400
Maximum vacuum (mbar)	160	160	160	160	160
Dimensions (H x W x D cm)	165 x 70 x 70	165 x 70 x 70	165 x 70 x 70 each ¹	165 x 70 x 70 each ²	165 x 70 x 70 each ³
Noise level (dBA *)	74	78	74 each ¹	74 or 78 each ²	78 each ³
Workstations GF 100%, 50/60 Hz	20	30	40	50	60
Workstations GF 60%, 50/60 Hz	30	50	60	80	100

* Noise levels depend greatly on the installation location. In a reverberant room (e.g. with tiled walls), higher noise levels can occur. The stated value always refers to operation at 50 Hz.

¹ Tyscor V 40: comprising 2x Tyscor V 20

² Tyscor V 50: comprising 1x Tyscor V 20 and 1x Tyscor V 30

³ Tyscor V 60: comprising 2x Tyscor V 30

Pressure stations	P 6000	P 9000	P 12000
Voltage (V)	400 V (3~)	400 V (3~)	400 V (3~)
Frequency (Hz)	50/60	50/60	50/60
Electrical power consumption (kW)	12.1/15.1	18/22.2	23.6/28.9
Current consumption (A)	20/24	30/35	39/47
Net weight (kg)	308	474	605
Delivery (5 bar) l/min	1411/1685	2175/2479	2807/3305
Tank capacity (l)	500	500	500
Pressure range (bar)	6-8	6-8	6-8
Dimensions of compressor station (H x W x D cm)	100 x 130 x 103	180 x 130 x 103	180 x 130 x 103
Dimensions of tank station (H x W x D cm)	220 x 100 x 130	220 x 100 x 130	220 x 100 x 130
Noise level at 5 bar with housing (dBA)	80/83	81/83	82/84
Noise level at 5 bar* without housing (dBA)	91/93	93/94	94/96
Workstations GF 100%	35/40	55/60	70/80
Workstations GF 60%	60/70	85/100	115/130

* Noise level measured at a distance of 1 m from the device. Average sound pressure level; tolerance: 3 dBA. Noise levels depend greatly on the installation location.

In a reverberant room (e.g. with tiled walls), higher noise levels can occur. All noise levels were measured under full load with all aggregates in operation at maximum pressure.

The technical data of the other products can be found in the corresponding brochures.