

# Technological edge for dental clinics and universities

Dental compressed air and suction systems from Dürr Dental



# Clinic suction systems of the generation Tyscor

Suction systems for up to 60 users

## Dental technology is undergoing a radical transformation

In addition to the familiar quality and reliability, the newly developed suction systems with radial technology of the Tyscor generation from Dürr Dental set new standards in terms of performance and efficiency. Clinic suction systems from Dürr Dental are also certified as Class IIa medical devices in accordance with the MDR.

### Operational safety and reliability

Maximum operational reliability thanks to the use of multiple suction stages, each with its own electronics.

### Scalability

The electronic control system in the Tyscor suction units offers a new world of scalability. As a result, a Tyscor V 20 can be expanded to a Tyscor V 30 without problem. It is also possible to run two systems off a single suction line.

### Noise reduction

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



### Network compatible

With the standard network connection, the Tyscor and the separation tank are easy to integrate in your digital monitoring setup via the software. This enables staff to be kept up to date on the status of the devices at all times.



TANDEM  
SCALABILITY



SUSTAINABLE  
PRODUCT



VISTASOFT  
MONITOR

## 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.



CS 60 central separation vessel and  
CA 4 amalgam separator

## Water rinse

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

## Amalgam separation

Perfectly equipped to allow the connection of multiple treatment units, the CA 4 offers superior, cutting edge technology. The system switches on automatically as soon as waste water from the treatment unit starts to collect, and a visual display provides information on the current operating status at all times.

## 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.

# Networkable compressed air systems of the new generation

Dental-medical compressed air for up to 80 users

## Premium compressed air quality

Continuous supply of dry, oil-free and hygienic air, flavourless and odourless, for continuous operation. Dürr Dental pressure stations are also certified as Class IIa medical devices in accordance with the MDR.

## Cost efficiency

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

## Network compatible

Thanks to the network connection, the central compressed air station with refrigerant type dryer is easy to integrate into your digital monitoring system via the software. This enables staff to be kept up to date on the status of the devices at all times.





### Intelligent load change

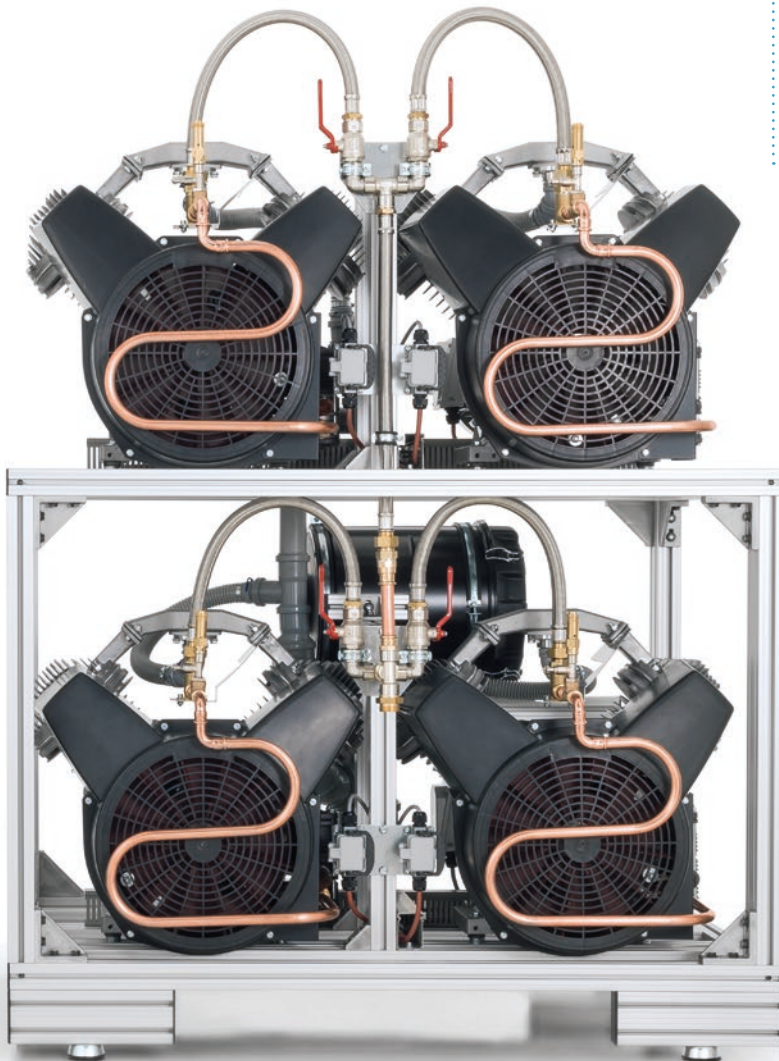
Multiple compressor units are used for unbeatable operational reliability.

### 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.



P 12000

# The systems grow with the clinic

Systems that grow with you for greater operational reliability and a secure future



Tyscor V 20

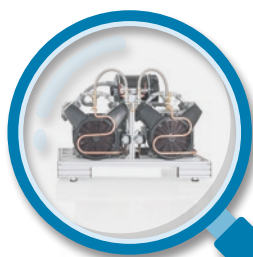


Tyscor V 40



Tyscor V 60

The electronic control system in the Tyscor suction units offers a new world of scalability. This means that by retrofitting a suction stage, a Tyscor V 20 can be expanded to a Tyscor V 30 without problem. This feature allows the system to be expanded in several stages so that up to 60 practitioners can be supplied.



P 6000



P 12000



P 12000 + P 12000

The central compressed air stations also offer new possibilities for scalability. With an upgrade version, a P 6000 can be expanded to a P 12000 without problem. With two P 12000, even up to 160 practitioners can be supplied simultaneously.

# More space, more potential – perfect solutions for large dental practices

The perfect equipment: Quattro P 20, Tyscor V 20 & CS 20



Quattro P 20



Tyscor V 20



CS 20

The Quattro P 20, the Tyscor V 20 and the CS 20 together offer a perfect solution for large dental practices and dental laboratories. The P 20 delivers the highest air provision performance in the smallest floor space, making it ideal for dental laboratories and large practices. It also supports up to 16 users simultaneously. The compact design of the Tyscor V 20 means it takes up very little space, and in the event of a suction unit failure, the next one automatically takes over. The CS 20 separates the suctioned secretion safely and reliably. Its large volume and standard waste water pump ensure smooth, interruption-free operation.”

## Stay relaxed with a clear view of everything – with VistaSoft Monitor



### This is what counts:

- Real time monitoring of operating states
- Maintenance intervals always under control for maximum operational safety
- Efficient communication with the Service department, rapid analysis and fast problem solving via remote maintenance or through on-site visits by technicians who come perfectly prepared
- Access to product-specific documents and videos



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# Technical data at a glance

Model	Tyscor V 20	Tyscor V 30	Tyscor V 40	Tyscor V 50	Tyscor V 60	CS 60	CS 20
<b>Voltage (V)</b>	400 V (3~)	400 V (3~)	400 V (3~)	400 V (3~)	400 V (3~)	230 V	230 V
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60	50/60	50/60	50/60
<b>Current consumption (A)</b>	14	19	14 each	14 and 19	19 each	2.7/4.2	4,0/3,5
<b>Net weight (kg)</b>	180	200	360	380	400	95	55
<b>Maximum vacuum (mbar)</b>	160	160	160	160	160	200	200
<b>Dimensions (H x W x D cm)</b>	165 x 70 x 70	165 x 70 x 70	2x 165 x 70 x 70	2x 165 x 70 x 70	2x 165 x 70 x 70	145 x Ø 65	108 x Ø 65
<b>Noise level (dBA*)</b>	69	71	72	73.1	74	-	-
<b>Workstations GF 100 %, 50/60 Hz</b>	20	30	40	50	60	-	-
<b>Workstations GF 60 %, 50/60 Hz</b>	30	50	60	80	100	-	-

\* The noise level depends 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.

Model	P 6000	P 9000	P 12000	Quattro P 20
<b>Voltage (V)</b>	400 V (3~)	400 V (3~)	400 V (3~)	400 (3~)
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60
<b>Electrical power consumption (kW)</b>	12.1/15.2	17.7/22.1	23.3/29	8,8/12
<b>Current consumption (A)</b>	22/26	32/37	41/48	17,6/19,2
<b>Net weight (kg)</b>	308	474	605	300
<b>Delivery (5 bar) l/min</b>	1411/1685	2175/2479	2807/3305	1032/1172
<b>Tank capacity (l)</b>	500	500	500	90
<b>Pressure range (bar)</b>	7-8	6.5-8	6.5-8	5,5-7,5
<b>Dimensions of compressor station (H x W x D cm)</b>	100 x 130 x 103	180 x 130 x 103	180 x 130 x 103	114 x 115 x 77
<b>Dimensions of tank station (H x W x D cm)</b>	220 x 100 x 130	220 x 100 x 130	220 x 100 x 130	-
<b>Noise level at 5 bar with housing (dBA)</b>	78.8/81.4	79.0/80.9	80.9/82.3	-
<b>Noise level at 5 bar* without housing (dBA)</b>	89.5/91.7	90.6/93.1	91.6/94.3	75
<b>Workstations GF 100 %</b>	35/40	55/60	70/80	16
<b>Workstations GF 60 %</b>	60/70	85/100	115/130	20

\* Noise level at a distance of 1 m from the device. Average sound pressure level; tolerance: 3 dBA. The noise level depends 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.



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