

Our best niche product – VSA systems from Dürr Dental

Suction and separation in the smallest spaces



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Plug & play

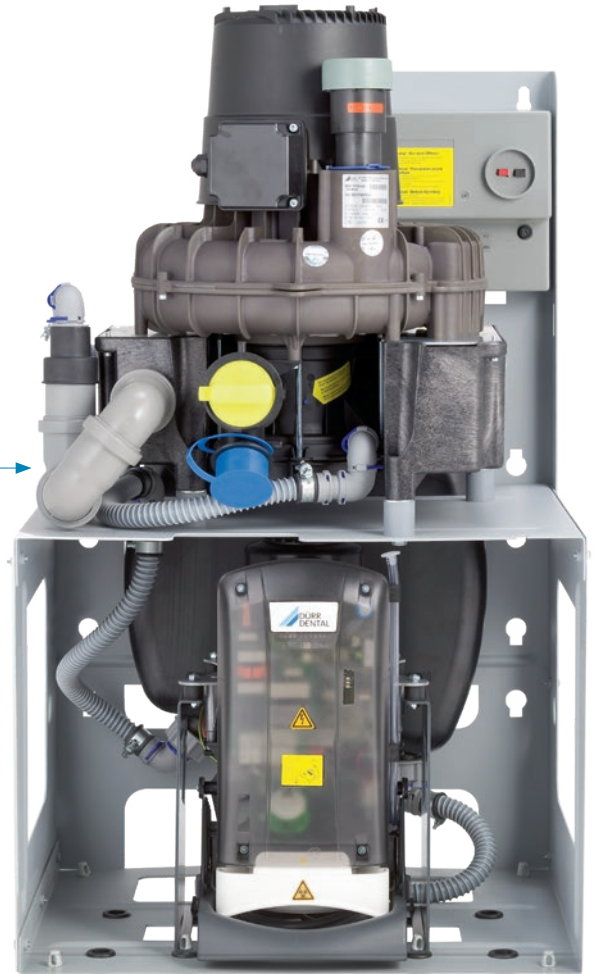
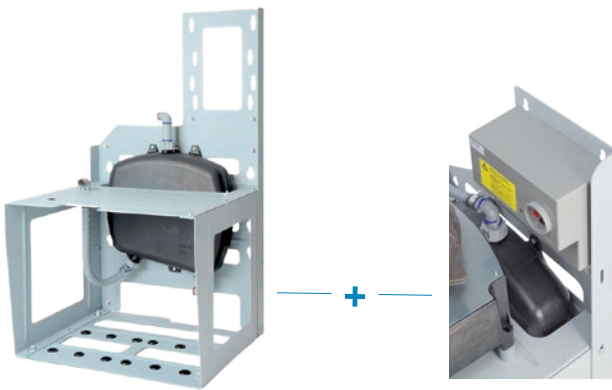
Thanks to the clever, pre-configured console

The VSA systems combine vacuum generation and separation in a single compact assembly. Ready configured with hose lines, connections and a control unit, the VSA 1200 and VSA 900 systems, for example, simplify integration in every surgery. And they are equally well suited to new installations or for modernising existing systems. Moreover, central suction and separation improve efficiency compared to systems located in the treatment units, as they minimise or even eliminate costs for additional automatic separators.

The VSA principle:

Pre-configured and space-saving, either suspended or free-standing.

Either as VSA 600 S on wall/floor brackets or as VSA 900 S and VSA 1200 S on the plug and play console.



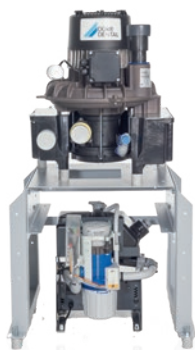
VSA systems

- Maximum suction force without delay
- Variable, space-saving installation
- High foam tolerance thanks to two-stage separation
- Suitable for up to 6 treatment units

VSA 300 S



VSA 600



VSA 900



VSA 1200



Generation Tyscor

Latest suction unit technology and software connection

The Tyscor VS 2 suction unit is modular in design with a high-performance, energy-efficient centrifugal suction motor and a separate separation stage. The integrated electronics allow control and monitoring of the suction unit via software. In addition, the amalgam separators with standard network connection are not only installed plug & play ready, but can also be integrated just as easily into the digital monitoring and control system of the surgery supply system via the software. This means that staff always know the status of the devices.



Tyscor VSA 2



Tyscor VSA 2

- Energy-efficiency – with energy savings of up to 50%
- Compact and lightweight
- Network capable
- Demand-based power consumption
- Intelligent control allows two suction units to be operated on a single suction pipe



Software

- Tyscor VS 2 and all amalgam separators from Dürr Dental can be integrated in the software
- Display of the fill level and due container changes
- Remote parameterisation and additional service functions from the PC.
- Test operation can be carried out from the PC



Technical data at a glance



VSA systems	VSA 300 S	VSA 600	VSA 900	VSA 900	VSA 1200	Tyscor VSA 2
Order number	7125-01/002	7128500001	7134500001	7134500002	7138500001	7186500001
Voltage (V)	230 (1~)	230 (1~)	230 (1~)	400 (3~)	400 (3~)	230 (1~)
Frequency (Hz)	50	50	50	50	50	50-60
Max. electrical output (kW)	0.58	1.22	1.89	2.01	2.21	0.7
Current consumption (A)	2.9	5.0	7.4	3.6	3.8	3
Vacuum mbar (hPa)	180	170 (AAV) ¹	170 (AAV) ¹	170 (AAV) ¹	170 (AAV) ¹	170
Number of therapists	1	2	3	3	4	2
Number of rooms with 60% simultaneous usage	1	3	5	5	6	3
Max. fluid flow rate (l/min)	4	10	16	16	24	10
Dimensions without housing (H x W x D cm)	48 x 31 x 31	92 x 52 x 48	97 x 58 x 55	97 x 58 x 55	97 x 58 x 55	77 x 52 x 48
Weight without housing (kg)	14	47	65	65	65	35
Noise level ² without housing [dB(A)]	approx. 63	approx. 63	approx. 65	approx. 65	approx. 66	approx. 58
Separation rate (%) ³	97.5	with CA 2: 97.9	with CA 4 ⁴ : 98.9	With CA 4 ⁴ : 98.9	With CA 4 ⁴ : 98.9	with CA 2: 97.9
Certification	Z 64.1-15	Z 64.1-20	Z 64.1-22	Z 64.1-22	Z 64.1-22	Z 64.1-20

¹⁾ AAV = auxiliary air valve

²⁾ The noise level applies to the suction unit and is affected by the room in which the unit is installed. In a reverberant room (e.g. tiled walls), the noise level may be higher.

³⁾ Separation rates, measured by TÜV Essen (Technical Inspection Association) in accordance with the standard German test at the maximum rate of fluid flow.

⁴⁾ The maximum water flow for one CA 4 must not exceed 16 l/min.



Orotol® plus disinfection of suction systems

Foam-free liquid concentrate for simultaneous cleaning, disinfection, deodorisation and care of all suction systems and amalgam separators



MD 555 Cleaner special cleaner

Foam-free cleaning concentrate for all types of suction system and amalgam separator

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 **DÜRR
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