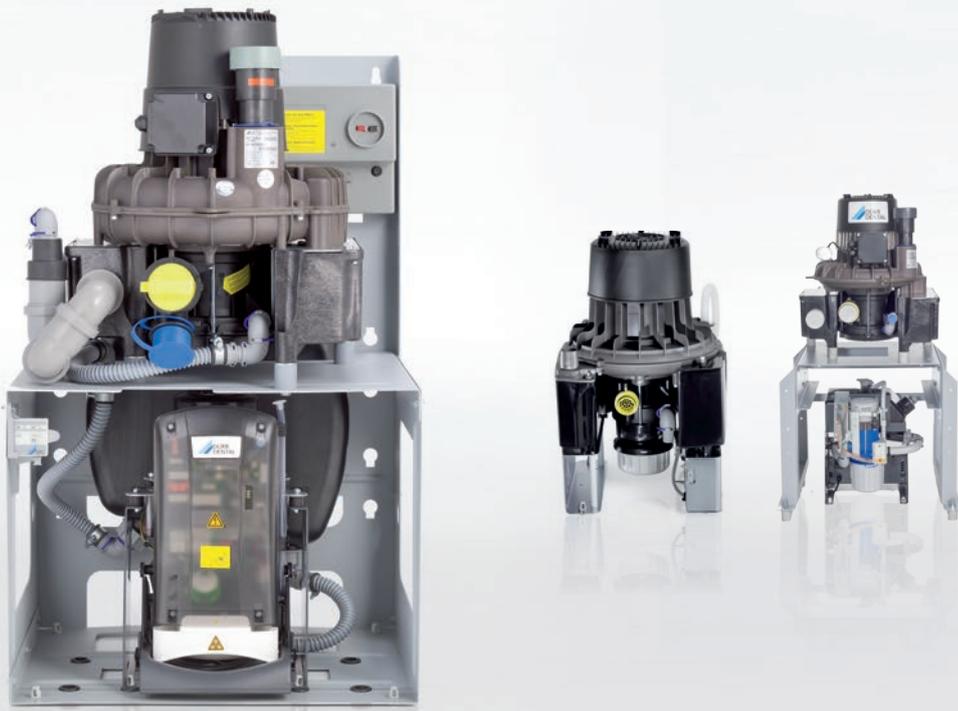


Our best niche product – the new VSA system from Dürr Dental

Suction, separation and small in size



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Plug & Play thanks to the clever console

The VSA systems combine vacuum generation and separation in a single compact assembly. Configured with hose lines, connections and a control unit, the VSA 1200 S and VSA 900 S systems simplify integration in every surgery, irrespective of whether they represent a new unit or a modernisation measure. The central suction and separation improves efficiency in comparison to local systems, 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 on the wall/floor brackets as a VSA 600 S, or on the plug and play console as a VSA 900 S and VSA 1200 S.



VSA 600 S

Separator CA2
Pressure compensation
vessel tank already
integrated in the
separator



VSA 1200 S

Separator CA4



VSA 300 S



VSA 900 S

Separator CA4



Your supply engineering is always in view

With the standard network connection, amalgam separators of the VSA system are not only installed plug & play ready, but can be integrated just as easily into the surgery-supply system digital monitoring and control system via the Tyscor Pulse software. This means the staff always know the status of the devices.

Tyscor Pulse

All amalgam separators from Dürr Dental can be integrated in Tyscor Pulse.



Key features:

- Maximum suction force without delay
- Variable, space-saving installation
- The two-stage separation brings high foam tolerance
- Suitable for up to 6 treatment units
- Separation rate 98.9 per cent

Network capable amalgam separator thanks to Tyscor Pulse software

- Fill level display
- Tyscor Pulse displays the necessary vessel replacement in good time
- Test operation can be carried out from the PC

The technical data at a glance

VSA systems	VSA 300 S ⁴	VSA 600 S	VSA 900 S	VSA 900 S	VSA 1200 S
Order no.	7125-01/002	7128500001	7134500001	7134500002	7138500001
Voltage: (V)	230 (1~)	230 (1~)	230 (1~)	400 (3~)	400 (3~)
Frequency (Hz)	50	50	50	50	50
Max electrical output (kW)	0.58	1.22	1.89	2.01	2.21
Current consumption (A)	2.9	5.0	7.4	6.3/3.6	3.8
Vacuum mbar (hPa)	180	170 (AAV) ¹	170 (AAV) ¹	170 (AAV) ¹	170 (AAV) ¹
Number of therapists	1	2	3	3	4
Number of rooms at 60% simultaneous	1	3	5	5	6 ⁵
Max. fluid flow rate (l/min)	5	10	16	16	24
Dimensions without housing (H x W x D cm)	48 x 31 x 31	50 x 42 x 41	52 x 41 x 42	52 x 41 x 42	52 x 41 x 42
Weight without housing (kg)	14	47	65	65	65
Noise level² without housing [dB(A)]	approx. 63	approx. 63	approx. 65	approx. 65	approx. 66
Separation rate (%)³	97.5	with CA 2: 97.9	with CA 4: 98.9	With CA 4: 98.9	With CA 4: 98.9
Certification	Z 64.1-15	Z 64.1-20	Z 64.1-22	Z 64.1-22	Z 64.1-22

¹ NLV = Auxiliary air valve

² The noise level is influenced by the setup room. In a reverberant room (e.g. tiled walls) the noise level may be higher.

³ Separation rates measured by the TÜV [technical monitoring authority] Essen in accordance with the German standard test for the maximum rate of fluid flow.

⁴ Usable volume of collecting container, c. 150 cm³, change interval 6 - 9 months.

⁵ The maximum water flow for one CA 4 may not exceed 16 l/min.