

# Perfect suction power in a compact unit – the VSA Systems

Suction and Amalgam Separation in the smallest space



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 unit. Completely configured with hose lines, connections and a control unit, the VSA 1200 and VSA 900 systems, for example, simplify integration in every surgery, and it does not matter whether they are for new facilities or a modernisation measure. Moreover, central suction and separation improve efficiency compared to systems in the treatment units, as they minimise or even eliminate costs for additional automatic separators, for example.

NOISE  
REDUCTION  
HOOD FOR  
VSA 900 +  
VSA 1200

### The VSA principle:

Pre-configured and space-saving, either suspended or standing. Either as VSA 600 on wall/floor brackets or as VSA 900 and VSA 1200 on the plug and play console.

### VSA systems

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



VSA 300 S



VSA 600



VSA 900



VSA 1200



# Generation Tyscor

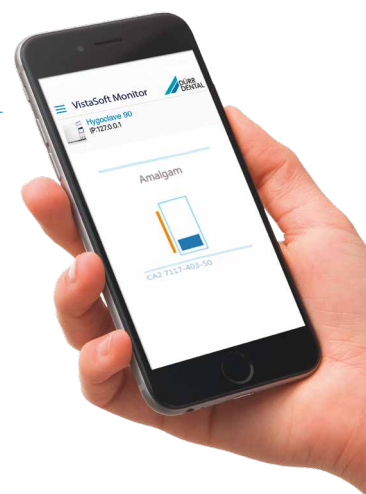
## Latest suction unit technology and software connection

The Tyscor VSA systems are 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 units via the software. In addition, the amalgam separators with standard network connection 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 software. This means the staff always know the status of the devices.



### Key features:

- ≈ Energy-efficient - energy saving of up to 50%
- ≈ Compact and lightweight
- ≈ Network compatible
- ≈ Demand-oriented power consumption
- ≈ Intelligent control allows operation of two machines on one suction pipe



Tyscor VSA 1



Tyscor VSA 2



Tyscor VSA 4



# The technical data at a glance

VSA-systems	VSA 300 S	VSA 600	VSA 900	VSA 900	VSA 1200
<b>Voltage: (V)</b>	230 (1~)	230 (1~)	230 (1~)	400 (3~)	400 (3~)
<b>Frequency (Hz)</b>	50	50	50	50	50
<b>Max electrical output (kW)</b>	0.58	1.22	1.89	2.01	2.21
<b>Current consumption (A)</b>	2.9	5.0	7.4	3.6	3.8
<b>Vacuum mbar (hPa)</b>	180	170 (AAV) <sup>1</sup>	170 (AAV) <sup>1</sup>	170 (AAV) <sup>1</sup>	170 (AAV) <sup>1</sup>
<b>Max. fluid flow rate (l/min)</b>	4	4	16	16	16
<b>Dimensions without housing (H x W x D cm)</b>	48 x 31 x 31	92 x 52 x 48	95 x 62 x 61	95 x 62 x 61	95 x 62 x 61
<b>Weight without housing (kg)</b>	14	47	59	59	59
<b>Noise level<sup>2</sup> without housing [dB(A)]</b>	approx. 63	approx. 63	approx. 65	approx. 65	approx. 66

VSA-systems	Tyscor VSA 1	Tyscor VSA 2	Tyscor VSA 4
<b>Voltage: (V)</b>	230 (1~)	230 (1~)	230 (1~)
<b>Frequency (Hz)</b>	50/60	50/60	50
<b>Max electrical output (kW)</b>	0.7	0.7	1.4
<b>Current consumption (A)</b>	3.3	3.3	6.2
<b>Vacuum mbar (hPa)</b>	160	160	150
<b>Max. fluid flow rate (l/min)</b>	4	4	20
<b>Dimensions without housing (H x W x D cm)</b>	77 x 52 x 48	77 x 52 x 48	96 x 74 x 56
<b>Weight without housing (kg)</b>	35	35	55
<b>Noise level<sup>2</sup> without housing [dB(A)]</b>	approx. 58	approx. 58	approx. 61

<sup>1</sup> AAV = Auxiliary air valve

<sup>2</sup> The noise level applies to the suction unit and is influenced by the setup room. In a reverberant room (e.g. tiled walls), the noise level may be higher.