

# Suction machines for the dental practice

V 250 S / VS 250 S – Supreme suction power



COMPRESSED AIR  
SUCTION  
IMAGING  
DENTAL CARE  
HYGIENE

# Removing spray mist to prevent infection

Hygienic and ergonomic access to preparation



## Aspiration of contaminated spray mist powered by V 250 S / VS 250 S

The suction system is important for dental practices. When using a turbine an aerosol cloud is projected from the patient's mouth and precipitates over a large area in the treatment room, causing a high risk of infection. Surgery, too, is hardly imaginable without suction: blood, pus, saliva, dentine or filling materials would not only obstruct the view and impede access to the operation site, but would also pose an additional risk. Powerful, reliable suction systems are the only way to cope with these exacting demands.

### This is what counts:

- Continuous high suction power of 250 l/min at the cannula
- Robust Dürr Dental VS suction technology in the VS 250 S for wet suction systems integrates separation into the suction unit and guarantees high reliability
- High suction performance within seconds and proofed reliability provides the V 250 S suction machine for dry systems
- Flexible installation possibilities with the Dürr Dental custom-made program and functional accessories

## Dürr Dental – world leaders in dental suction systems – made in Germany

Dürr Dental has stood for progress and innovation in dental suction systems for over six decades. Innumerable dental practices, clinics and universities throughout the world have been equipped with Dürr Dental suction systems. And a great number of all new treatment units are already fitted with Dürr Dental components at the factory.

Single chair suction units like the V 250 S / VS 250 S are the most versatile variants in Dürr Dental's range of Suction Units since they considerably reduce the preliminary planning work and the outlay involved in installation. That makes them an ideal investment for a single treatment room or installing facilities for a prophylaxis service, surgery or orthopaedics.

### VS 250 S – reducing to the essentials

The VS 250 S incorporates the latest and successful Dürr Dental suction technology: For the first time it combined in one unit the suction machine and the automatic separation process. Vacuum generation and the simultaneous separation of the mixture of secretions and solids are both carried out on the robust drive shaft. This technology made a name as "Two-in-one". The integrated water pump draws off the fluid

continuously. And the VS 250 S manages even large amounts of fluids without difficulty.

The high level of economy and operational reliability are the result of the common drive unit that also takes up scarcely any room which is why the VS 250 S is so compact. This development not only eliminated the need for additional separation units and other components in the treatment unit, but also simplified at the same time the planning and installation of the entire practice's suction system.

### V 250 S – tremendously powerful

Calls for machines that are maintenance-free with almost silent running qualities. The V 250 S meets such requirements: the non-contact rotating blades of the turbines create the required vacuum and volume flow within seconds. The impeller is made of special corrosion-resistant composite which makes it more resilient to humidity and moisture. A reliable electric motor ensures non-stop operation. And the integrated condensate separator gives a high measure of protection against the ingress of condensate water.



V 250 S suction machine



VS 250 S combined suction unit

# The technology at a glance

	VS 250 S suction unit		V 250 S suction machine	
<b>Voltage (V)</b>	230 (1~)		230 (1~)	
<b>Frequency (Hz)</b>	50	60	50	60
<b>Vacuum mbar (hPa)</b>	90 at 250 l/min		90 at 250 l/min	
<b>No. of treatment chairs</b>	1		1	
<b>Dimensions (HxWxD, cm) without housing</b>	32 x 28 x 28		32 x 28 x 28	
<b>Dimensions (HxWxD, cm) with housing</b>	47 x 35 x 46		47 x 35 x 46	
<b>Weight (kg)</b>	13		12,5	
<b>Noise level without housing [dB(A)]</b>	64	66	64	66
<b>Noise level with housing [dB(A)]</b>	52	54	52	54



Housing for V 250 S / VS 250 S



condensate separator and control unit