



ACV-5000 / ACV-10000

| Suction System

Details Info

Dental negative pressure vacuum suction system

the necessity of the dental vacuum suction system: When dentist start operation, there are thousands of airflow with bacterial injection directly to the face of dentist, and spread throughout the dental clinic room which is pollution the environment. According to statistics, in all kinds of practicing physicians, the most susceptible to infection job is dentist. In the treatment process, inevitable a lot of water would into patient mouth (turbine cooling water, cleaning the wound clean water, etc.) as well as their own saliva. All of these liquid would be stimulate the patient's nerve, causing swallowing reaction. So when the liquid cannot be sustained and effective discharge, will interrupt the treatment, effective treatment;

The traditional dental unit adopts "jet" negative pressure principle, which is using of compressed air or the discharge of large quantities of water in the main pipeline, and then appear vacuum space in the subsidiary pipe for producing a negative pressure to suck the liquid in the patient's mouth. Under this 'JET' principle, the compressor will be result in the continuous operation, which reduce the life of the compressor. If using city tap water for power, the compressor work will loss great of water resources, wasted energy, increased clinic operating costs

negative pressure suction unit Features: the series of units is developed dental special equipment for dental treatment characteristics; The suction unit is stable, lasting volume and suction power intensity. It could suction the waste liquid in patient month, and ensure the power does not damage the organs of the patient's mouth. The waste liquid form patient month will be separate and filter in outside clinic room. So it is not only reduces the workload of the clean-up, but also to avoid secondary pollution caused by in-office. Gas pass through a special stainless steel filter with multi-channel, filtering accuracy of 0.01 mm. liquid and a mixture of particles through the separation device into the sewer after disinfection rear. Truly adoption the requirements of environmental protection; equipped with intelligent control system, according to user needs, increase the inverter system, conditioning operating frequency based on the use of the table in a timely manner, without the water cycle, saving energy, reducing costs; reduce the gas consumption of the consulting room, the compressor does not require frequent starts, extending the life of the compressor, reducing the amount of configuration of the compresso

Specification:

Model	ACV-5000	ACV-10000
Voltage Volt/Hz	380/50/3	
Max suction rate	1250 L/min	2500 L/min
) Kpa (Vacuum	≤-15	≤-16
)) A (dB (Noise	76	
) kW (Power	1.9	3.3
) L (Separator tank volume	30	
NW(kg)	159	172
GW (kg)	214	227
Packing size (LWG)	980x920x1350mm	
Packing materiel	Wooden cases	
Equipped of dental units	5units	10units

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