

# TAKTVOLL

Beijing Taktvoll Technology Co., Ltd

99.9995%  
Purification  
Efficiency

## SMOKE-VAC 5000 Smoke Evacuator System



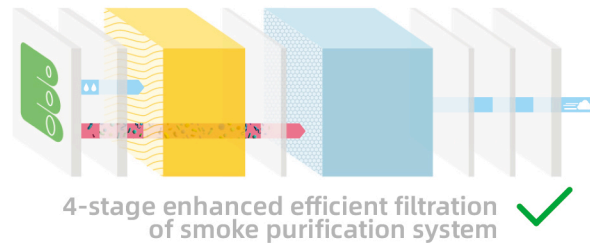
The SMOKE-VAC 5000 Smart Touch Screen Smoke Evacuation System is a compact, noise-free, high-efficiency electro-surgical smoke solution for operating rooms. The product uses a new generation of ULPA filtration technology to address smoke hazards in the operating room by removing 99.999 percent of smoke pollutants. According to relevant literature, surgical smoke contains more than 80% of the chemicals and is as mutagenic as 27-30 cigarettes.

## Major Features and Advantages of Smoke Evacuator System

- 3 modes: laparoscopic mode, open surgery mode, and smoke evacuation pencil mode.
- Colorful touch screen: The 5-inch smart touch screen displays the working power, mode, high and low switches, and a reminder of the filter status.
- 3 interfaces can connect different types of smoke tubes ( $\phi=6\text{mm}$ ,  $10\text{mm}$ ,  $22\text{mm}$ ) and can be used with 3 different devices simultaneously.
- 4 power modes are available to meet various clinical requirements: manual mode, remote footswitch mode, electromagnetic induction mode, and linkage mode.
- Innovative features that are closer to clinical user habits: Allowing 2 energy instruments to be used simultaneously in surgery, bringing convenient manipulation for doctors. E.g., The electrosurgical and ultrasound scalpels were used together.



Electrosurgical smoke can reduce visibility and affect air quality in the operating room. Electrosurgical smoke has been confirmed to contain lots of potentially harmful ingredients.



AORN & U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES & NIOSH RESEARCH SHOWS:  
SMOKE GENERATED DURING ELECTROSURGERY IS POTENTIALLY HARMFUL TO THE PATIENT OR SURGICAL TEAM

"IT IS RECOMMENDED TO  
**USE A MOBILE SMOKE EXTRACTION SYSTEM**  
ACCORDING TO THE TYPE OF SURGERY"

**ADEQUATE VENTILATION WITH SURGICAL FUME**  
**EVACUATORS OR OTHER MEANS IS RECOMMENDED**



Promoting productive workplaces  
through safety and health research



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES & NIOSH  
SMOKE CONTROL IN LASER/ELECTROSURGERY. HAZARD  
CONTROLS, PUBLICATION NO. 96-128, SEPTEMBER 1996

### Specifications

Noise Levels: 40 ~ 65dB  
Filtration: 99.9995% (0.12 $\mu\text{m}$ )  
Dimensions: 445x350x180cm  
Weight: 10.2kg  
Rated Air Volume: 1000L/Min  
Input Voltage: AC 220V 50Hz  
Fuses: F6AL250V  
Rated Power: 1250VA

### Ordering Information

Description	Voltage
SMOKE-VAC 5000	110V 60Hz
SMOKE-VAC 5000	220V 50Hz
Includes smoking tube and filter	

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