

### Irrigation and Suction Pump



Technical Specification			
Voltage	100V-240V-AC	Dimension(W×H×D)	420×195×420mm
Weight	12.0kg	Irrigation Flow	10mL/min -1800mL/min
Irrigation Pressure	15mmHg-450mmHg	Suction Flow	10L/min-55L/min
Suction Pressure	-50mmHg ~ -450mmHg	Cavity Pressure	10mmHg-300mmHg





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Irrigation and suction pump







## Irrigation and suction pump

Irrigation and Suction Pump is a medical device designed for use in endoscopic surgeries. It uses an Irrigation and Suction Pump to precisely regulate the pressure and flow rate of the irrigation flow, as well as the level of suction, thereby ensuring efficient control of the surgical environment.

Its purpose is to provide precise irrigation and suction functions, aiding surgeons in maintain-ing a clear view, reducing surgery time, and minimizing complications.



#### Safety System

Effective prevention of liquid backflow protects the equipment from damage, ensuring long-term stability and reliability.

#### **Real-Time Monitoring**

Continuous real-time monitoring of flow speed and pressure ensures accurate data throughout the surgical process.

## (),

#### Multifunctional Integration

Integration of irrigation and suction functions minimizes equipment footprint and reduces operational complexity, facilitating efficient management in the operating room.



#### **Precise Control**

(IRP-controlled)
Irrigation and Suction Pump can precisely adjust irrigation and suction parameters based on surgical needs, improving operational efficiency and safety.



#### Automatic Start/Stop

Automatic control of irrigation and suction pumps maintains optimal intrarenal pressure, with preoperative zeroing of intrarenal pressure to ensure accurate real-time IRP (Intrarenal Pressure) readings.





# Multi-Room Usability increases the efficiency of medical facilities.



#### Versatile Applications

can be utilized across various surgical scenarios, including gynecology, general surgery, and urology enhancing equipment utilization and cost-effectiveness



#### **User-Friendly**

The intuitive user interface and alarm system make operation simpler and more straightforward.



#### Customizable

Surgeons can preset operational parameters, allowing for tailored and optimal surgical performance.



## Disposable IRP Sheath Real-time IRP monitoring ( Effective Debris and Flexibility and Minimized Maneuverability Fluid Removal Tissue Trauma Designed to adapt to complex Utilizes a negative pressure Engineered for flexible operation surgical pathways and system to efficiently remove within the urinary tract, minimizstone fragments and fluids, ing tissue damage and promoting anatomical structures ensuring a clear surgical field. safer, more precise interventions. **IRP Monitoring** Flexible Tip Visualized Stone **IRP Sensing Point** Clearance

Ensures high-efficiency IRP monitoring Transforming safety into a visualized operation

## The complete stone-free solution

