i-MIMER SYS

Suction Irrigation Pressure autoregulating System

SIPS™

Technical Specification			
Voltage	100V-240V-AC	Product size	420mm × 420mm × 195mm
Weight	12 kg	Irrigation Flow	10mL/min -1800mL/min
Irrigation Pressure	15mmHg-450mmHg	Suction Flow	10L/min～55L/min
Suction Pressure	-50mmHg～-450mmHg	Cavity Pressure	10mmHg-300mmHg

ZSR®
Biomedical Technology

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i-MIMERsys Irrigation and Suction Pump is a medical device designed for use in endoscopic surgeries. It uses an The Intelligent IRP-controlled 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 maintaining 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

The SIPS give you the real time IRP and feedback to the machines algorithm and regulate with the balance of suction and irrigation

Multifunctional Integration

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

Precise Control

i-MIMERsys 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.

Suction Irrigation Pressure autoregulating System

SIPS™

Up to 55 L/min

Suction flow

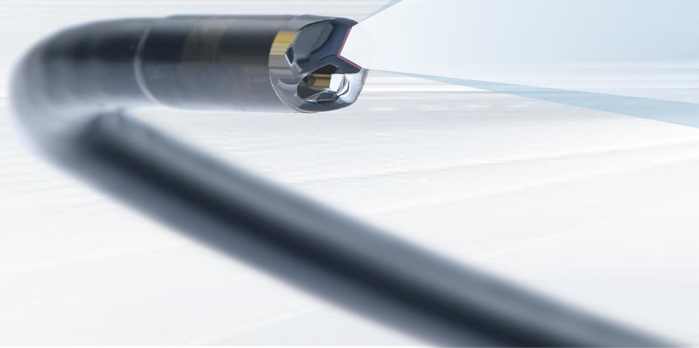
Up to 1800ML/min

Irrigation flow

Urology

Single-Use
Digital Flexible Ureteroscope

6.3Fr / 7.5Fr



Disposable IRP Sheath

Sensor on the FANS

Flexibility and Maneuverability

Designed to adapt to complex surgical pathways and anatomical structures

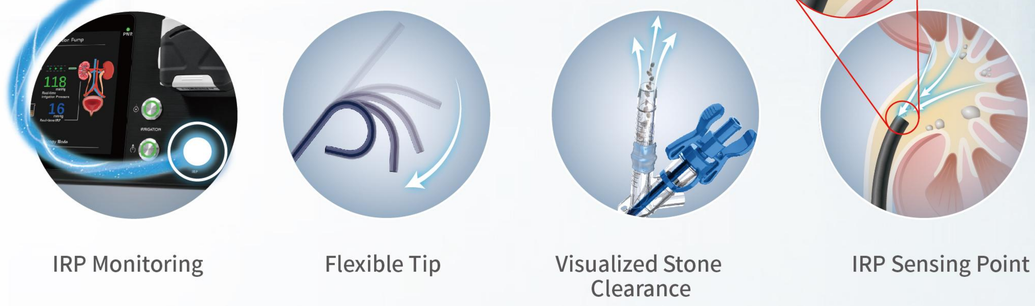
Effective Debris and Fluid Removal

Utilizes a negative pressure system to efficiently remove stone fragments and fluids, ensuring a clear surgical field.

Minimized Tissue Trauma

Engineered for flexible operation within the urinary tract, minimizing tissue damage and promoting safer, more precise interventions.

Real-time IRP monitoring



IRP Monitoring | Flexible Tip | Visualized Stone Clearance | IRP Sensing Point

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

The complete stone-free solution

Accessories

Disposable Irrigation Tube | Disposable Suction Tube(40ml) | Disposable Suction Tube(150ml) | Disposable Suction Tube | Fluid Waste Collecting Bottle | Fluid Waste Collecting Bottle