

Add Hi-Tech Precision to your Surgical Expertise...



# Shalya Aquajet



- Pressure Controlled Suction Irrigation System
- Real Time Pressure Monitoring
- Over Pressure Detection System
- Simultaneous Usage of Suction & Irrigation

**Suction Irrigation  
System**





Complete Range of Operating Room Solutions...

## Technical Specifications of **Shalya Aquajet**

Type of Liquid	Saline Water, Glycine, Sorbitol
Pressure Range	Irrigation : 50 to 400 mmHg Suction : Level 1 to 10 (50 to 500 mmHg)
Pressure Settings	Irrigation : 10 mmHg/step Suction : 1 Level /step
Operating Modes	Only Irrigation Only Suction Irrigation & Suction
Filter	Disposable Cartridge Filter (0.2 micron)
Tubing	Silicon Tube
Audio Indicator	Speaker to give Error tone for Safety
Display	4.3" TFT LCD, Touch Screen
Input Voltage	95 to 260 VAC, 50/60Hz
Design Standard	General Safety Standards: IEC 60601-1-1 EMI/EMC Compatibility Standard: IEC 60601-1-2

## Features of **Shalya Aquajet**

- **Precise Pressure Control** Suction in steps of 50mmHg & for Irrigation in steps of 10mmHg for delicate & critical surgeries.
- **Real Time Pressure Monitoring System** which continuously displays the actual pressure achieved by the device on the screen.
- **Overpressure Detection System** controls the pressure without user's interruption & gives audiovisual indication.
- User does not need to necessarily switch off the Irrigation Mode to go onto the Suction Mode and vice-versa.
- Continuous rinsing of fluid assures **good visibility and clean operating site**.
- **No residue on instrument** reduces tissue adhesion on endoscopic instruments.
- **Reduced Surgery Time** : Irrigation using saline solution increases tissue conductivity causing faster electrosurgical effects.
- **Built in high-flow suction** for laparoscopy & other surgical procedures.
- **Simultaneous usage** of suction & irrigation via trumpet suction cannula without giving any activation to unit.
- **Foot pedal controlled** suction & irrigation can be provided.
- **Control via USB/Ethernet** or centralized control in conjugation with other Shalya OR equipment.



**Suction Irrigation System with Trolley**

## Standard Accessories of **Shalya Aquajet**



## Applications of **Shalya Aquajet**

Arthroscopy (Orthopaedic surgery), Laparoscopy (General surgery), Hysteroscopy (Gynaecological surgery), Low pressure wound irrigation and in Endoscopy (General, Gastroenterological and ENT surgery), Urology & Veterinary Applications.

## XcellLance Medical Technologies Pvt. Ltd.

Plot No. W239, Rabale MIDC, TTC Industrial Area, Rabale, Navi Mumbai - 400 701. INDIA T:+91-22-7114 2400/+91-22-2760 2261/ 2