



HYSTOPRESS VAC

THE FLUID MANAGEMENT SYSTEM



Engineered For Precision & Design For Safety

PROCESS FLOW

India's only Fluid Management System for Gynaecology / Laparoscopy showcasing the Unique Real Time In-Line Vertical Pressure Sensing technology with a measuring accuracy of +/- 0.3.

This enables our machine to perform within international guidelines and range of 80mmHg to 130mmHg irrespective of difficult anatomy of uterus. Making it the "MOST SAFEST MACHINE IN THE MARKET."

The system so intelligent that achieves desired Uterine Distention with "MINIMUM FLUID & LESS TIME."



ADVANCED FEATURES












- **Noise less Motor:** Engineered & Advanced Algorithm used to maintain silence in OT.
- **Direct Inline Pressure Sensor** places, World's First innovative In-built Pressure sensing for higher accuracy (Patient Filed).
- **Scope Selection** for 4mm & 2.9mm to achieve the desired flow & Volume in varying diameters.
- **Irrigation Modes:** Hysteroscopy And Laparoscopy.
- **Boost Mode:** Maintain Intrauterine Pressure in Leak Condition or during use of Suction.
- **Volume Display:** Showing the Approx Fluid Volume Consumption.
- After END of Case, 3 parameters are available for staff, documentation and Manual Calculation of "Fluid Deficit."
 - a) Display of "Approximate Volume Consumption."
 - b) Display of "Prime" volume.
 - c) Display of "Total Fluid Consumed" (a+b).
- Multispaciality fluid management pump.
- Hysteroscopic, Arthroscopy, Urology and laparoscopic modes.
- Manual suction mode selectable from 0.1 to 0.8 bar.
- Dedicated dynamic suction mode for operative Hysteroscopy Which automatically adjusts suction power to remove blood mucus and debris effectively.
- First in class Auto flow mode, will adjust the flow automatically.








PATIENT SAFETY

- Patient safety is the foremost consideration in the device's design. Upon every startup, it runs a **self-diagnostic test** to confirm that all essential components and sensors operate properly.
- **Inline pressure Sensor** measurements guarantee **accurate monitoring of real-time values**, ensuring consistent and dependable performance.
- **Soft-Start & Soft-Stop** pump action to reduce **sudden fluid overload & absorption** in Uterine Cavity.
- An intuitive **7-inch color touch screen** interface allows users to easily access, check, and modify both Actual and Set values whenever needed.
- **Safety Alarm:**
 - a) **After every 20 minutes** of use to inform users.
 - b) **Fluid flow alarm system** gives alarm after every 1000ml fluid flow to prevent fluid overload.
- **Occlusion Warning** (Any sudden obstruction of tube will be detected or Instrument Inflow luer lock Closed Condition)
- Clear vision due to **Bubble-free Operation**.

TECHNICAL PARAMETERS OF HYSTOPRESS VAC

 Pressure Range 0 to 200 mm Hg	 Flow Range Maximum 1000 ml/minute	 Pressure Controlled Irrigation for Laparoscopy 1000 ml/minute
 Large 7" touch screen Color display for better visibility(First in industry)	 Pressure Display: SET Pressure & Intra Uterine Pressure	 Flow Display Set Flow & Actual Flow
 Volume Display Approx Fluid Passed via Pump	 No need of voltage stabilizer can handle fluctuations between 80 to 240 Volt AC	 Program Selection for Hysteroscopy & Laparoscopy Irrigation
 Device over temperature Warning & Auto shut down function		 Fluid Resistant SENSOR Technology for longer life

OPERATING PARAMETERS

 Operating Voltage (AC) 100V-240V	 Operating Temperature 15°C to 40°C
 Operating Frequency 50Hz-60Hz	 Power Consumption 100W
 Relative Humidity (Non-Condensing): 20%to 80%	



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