

UNIVERSAL FLUID PUMP



PM-UP-01

HIGHLIGHTS: -

- Simple and intuitive user interface.
- Large and easy to read illuminated digital displays.
- Precise and highly sensitive pressure sensor.
- Fully automatic control.
- Over pressure protection.
- Suitable for Hysteroscopy, Arthroscopy & Urology application.





UNIVERSAL FLUID PUMP Model No. PM-UP-01

Universal Fluid Pump PM-UP-01 is a versatile pump for Arthroscopy, Urology, Hysteroscopy. **Model PM-UP-01** is designed for the administration of fluid to an operation area at a given pressure. The parameters defining its primary function are: flow and effective pressure defined in l/m & KPa. The maximum value of these parameters vary depending upon the intended use in the desired endoscopic surgery application. Both the flow rate setting and the maximum pressure setting are the maximum target values for the device.

Features:

- Efficiency fluid flow rate from 0.1 up to 0.8 l / min.
- The measurement system is based on a reliable operation of intelligent pressure sensor mechanism to ensure patient safety.
- Embedded program that examines all crucial parameters of the device.
- Placement of sensitive gauges inside the device ensures protection against any mechanical damage
- User interface equipped with highlighted buttons and corresponding icons to improve their visibility in poorly lighted operating rooms.
- Selection of the mode of operation-device has 2 programmed variants: Large / Small cavity suitable for Hysteroscopy / Arthroscopy & Endo Urology applications.
- Large LED displays that simplify reading of parameters even from a distance.
- Overpressure protection.



^ Specifications / color subject to change without prior notice.
^ Reproduction of this catalogue in full or part is prohibited.
^ 1 K Pa = 7.5 mmHg (approx.)

Specifications:

Recommended Pressure Range

Hysteroscopy 1.5-25 \pm 10% K Pa
Arthroscopy 1.5-20 \pm 10% K Pa
Urology 1.5-20 \pm 10% K Pa

Recommended Flow Range

Hysteroscopy 0.1-0.5 \pm 10% l/min
Arthroscopy 0.1-0.8 \pm 10% l/min
Urology 0.1-1.0 \pm 10% l/min

Given Pressure Range

2 – 80 K Pa

Given Flow Range

0.1 – 0.8 l/min

Weight

11 Kg

External dimensions

340x335x100mm

Supply Voltage

AC 110/220V \pm 10%

Power Frequency

50/60 Hz

Device Classifications

Class II/BF

Casing Safety Standard

IPX1

Ambient Temperature

During operation: from +10°C to +40°C
During storage and transport:
From - 20°C to +45°C

Max. Relative Humidity

During operation: 90 %
During storage & transport: 90%

Pro MIS-Medical Systems GmbH

Pforzheimer Straße 46,
75015 Bretten, Germany
Phone: +49 (0) 7252 9732 771
+49 (0) 7252 9732 770
Fax : +49 (0) 7252 9732 772
E-Mail: info@promis-medical.de

www.promis-medical.de



Distributed By: