

HAMOU® ENDOMAT®

The cross-specialty pump
for laparoscopy and hysteroscopy



The HAMOU® **ENDOMAT**® is a pressure-controlled suction/irrigation pump with a modern touch screen user interface.

Greatest user comfort and ease of use

Thanks to a modern, **ergonomically** optimized cassette tubing system that can be attached with one hand, the desired mode – laparoscopy or hysteroscopy – is directly selected **without mix-ups**. In addition, the device saves the most recently selected values in each mode, so that the procedure can be started right away without requiring additional adjustments.

Due to the integrated pressure control, the device stops pumping as soon as the preselected value is reached – preventing **unpleasant noise** during use.

Patient safety

Every time it is switched on, the device performs a self-test and checks all important components and sensors for proper function. Redundant pressure measurement guarantees precise actual value measurement and contributes to patient safety.

The selected target values and current actual values can be read, checked, and adjusted any time on the **color touch screen**.

Always ready for use in laparoscopy...

Since the flow can be precisely selected in 100 ml increments up to 1.3 l/min, the ideal irrigation flow can be selected for any situation. The pump has a pressure limit of 500 mmHg selectable in 3 steps (100/300/500) to enable the use of almost all instruments without leakage. As soon as the selected pressure limit is reached, the pump stops; it resumes running only if the pressure drops, e.g., when the valve is opened. As a result, it produces little noise during operation, creating a comfortable work environment.

The integrated, powerful suction pump ensures a clear surgical field and maintains good visibility at all times. As a result, bleeding can be identified and stopped in a timely manner. No additional suction unit is required.



Hysteroscopy made easy...

This pressure-controlled pump ensures stable irrigation conditions with good visibility while providing high patient safety in hysteroscopy.

After activation, the pump works independently and maintains the selected pressure. If the pressure drops, for instance due to a leak, the missing fluid is immediately added with the preset flow speed and the selected pressure restored. The user does not need to make any additional adjustments during the procedure. Naturally, the target values can be changed during the procedure, if necessary, to optimally adapt the situation to the respective patient.

In addition to the irrigation pump, the device includes an integrated controllable and powerful suction unit with high flow values, so that appropriate suction is available at any time.

Fluid management is essential for optimal monitoring and patient safety.

HAMOU® ENDOMAT® SCB

Suction and Irrigation System, Recommended System Configuration

Special Features:

- Suction and irrigation system for use in laparoscopy and gynecology
- Modern color touch screen as user interface
- Maximum parameters for LAP and HYS mode are automatically fixed by the choice of the tubing set
- Ergonomic tubing cassette system
- Adjacent display scales for set values and actual values ensure continuous monitoring of suction and irrigation levels
- With connections to KARL STORZ Communication Bus (SCB) as of Software Release 20090001-45 and higher



- 26331101-1 HAMOU® ENDOMAT® SCB, Set,
power supply 100-240 VAC, 50/60 Hz
including:
- 26331120-1 HAMOU® ENDOMAT® SCB
- 20090170 SCB Connecting Cable, 100 cm
- 031523-10 Cassette Tubing Set PC, for single use
- 031524-10 Cassette Tubing Set FC, for single use

Specifications:

Pressure regulated	- HYS 0-200 mmHg (26.6 kPa) - LAP 100/300/500mmHg
Flow regulated	- LAP 0-1300 ml/min - HYS 200/400/600ml/min
Suction pressure regulated	- HYS 0-(-)0.8 bar (-80 kPa) - LAP 0-(-)0.8 bar (-80 kPa)

Power supply	100-240 VAC, 50/60 Hz
Dimensions w x h x d	305 x 164 x 260 mm
Weight	8 kg
Certified to	IEC 601-1, CE according to MDD

HAMOU® ENDOMAT® SCB

System Components

UNIT SIDE

PATIENT SIDE



Tubing Set



031523-10
031524-10

Tubing Set for Suction, 150 cm



030547-01



031134-10

Handle, pistol grip



37113A

Suction Jar, 2.5 l



030302-01







Suction and Irrigation Tube



37360SC

Optional Accessories

for HAMOU® ENDOMAT® SCB

	20300052	Suction Bottle , 1.5 l, sterilizable
	20300034	Bottle Cap , for suction bottles 1.5 l and 5 l, sterilizable
	20300130	Bottle Stand , for suction bottle 1.5 l or irrigation bottle 1 l
	20300050	Suction Bottle , 5 l, sterilizable
	20300034	Bottle Cap , for suction bottles 1.5 l and 5 l, sterilizable
	20300032	Bottle Stand , for suction bottle 5 l
	20300033	Bottle Stand Holder , for Bottle Stand 20300032
	26331142	Silicone Tubing Set , for suction, sterilizable
	031523-10	Tubing Set , irrigation, PC, sterile, for single use, package of 10, for use with KARL STORZ HAMOU® ENDOMAT® 26331120-1, ENDOMAT® SELECT UP210 und ENDOMAT® SELECT UP220
	031524-10	Tubing Set , irrigation, FC, sterile, for single use, package of 10, for use with KARL STORZ HAMOU® ENDOMAT® 26331120-1, ENDOMAT® SELECT UP210 and ENDOMAT® SELECT UP220
	030302-01	Suction Jar , 2.5 l
	030320-40	Suction Liner , 2.5 l, for single use, package of 40
	030325-30	Suction Liner , 2.5 l, with solidifier, for single use, package of 30
	031124-10	Filter , for single use, unsterile, for use in fluid suction, specially adapted, package of 10

It is recommended to check the suitability of the product for the intended procedure prior to use.
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

More than
75
Years

*Shaping the Future
of Endoscopy with you*

STORZ
KARL STORZ — ENDOSKOPE
THE DIAMOND STANDARD

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