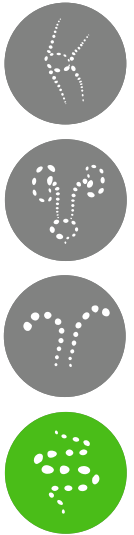


SUCTION-IRRIGATION PUMP FOR LAPAROSCOPY

PV-5512LAP



Suction and irrigation pump dedicated to laparoscopic surgeries. The optimum adjustment of pressure and flow parameters allows for affective tissue rinsing and effective aspiration of fluid during laparoscopic procedures.

FEATURES

- Autonomous suction and irrigation channels
- Irrigation based on the peristaltic pump module
- Suction based on the high quality vacuum pump module
- Predefined suction and irrigation parameters
- Working parameters controlled by a suction-irrigation laparoscopic instrument
- Compatibility with various models of laparoscopic suction-irrigation instruments

BENEFITS

- Minimally invasive technique of transporting fluid to and from surgical site
- Easy in use
- Acoustic and visual warning in case of incorrect tubing placement
- Remote control option
- Esthetic and modern design

TECHNICAL PARAMETERS

SUCTION AND IRRIGATION PUMP (5512-10)

Max. flow rate in the irrigation channel	1,8 l/min (+/- 10%)
Max. flow in the suction channel	1,8 l/min (+/- 10%)
Max. pressure in the irrigation channel	400 mmHg (+/- 50 mmHg)
Suction pressure	-50 kPa to - 60 kPa
Weight	8 kg
External dimensions	D: 306 mm x W: 330 mm x H: 120 mm
Supply voltage	100-240 VAC
Power frequency	50/60 Hz
Class of protection	BF type
Casing safety standard	IP X1
Ambient temperature	During operation: +10°C to +40°C During storage and transport: -20°C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
CE Standard	EN60601-1; EN60601-1-2

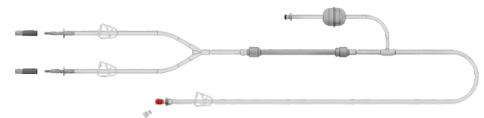


TUBING FOR THE IRRIGATION CHANNEL (PV-5201)

Tubing sets for Vimex Endoscopy Fluid Pumps. Designed in the way to make it easy for medical staff to prepare a pump for surgery. Two options available: single-use or day-use tubing sets (as an economical solution).

Single-Use Tubing Set (SUTS)

Installed directly to the pump control unit and to suction-irrigation instrument. Use of single-use tubing sets enforces their change after each surgery.



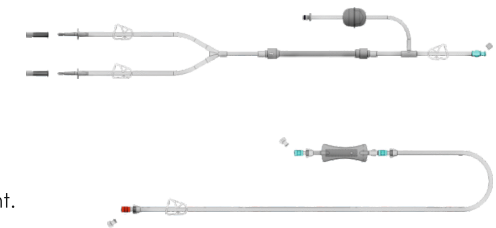
Economic-use tubings, consisting of:

1. DAY-USE PUMP PART (DUPP)

Installed directly to the pump control unit and a Single-Use Patient Part (SUPP).

2. SINGLE-USE PATIENT PART (SUPP)

Installed directly to a Day-Use Pump Part (DUPP) and to a suction-irrigation instrument.



There is no need of changing a fluid bag and a Day-Use Pump Part tubing after each surgery. It also saves time of medical staff for preparation a pump for a new patient.

ACCESSORIES FOR THE SUCTION CHANNEL

- 1) Single-use hydrophobic filters protects the pump against contamination from an operating area (5512-61)
- 2) Silicone connection tube for hydrophobic filters PV-5512STF (5512-62)
- 3) Silicone tubing to connect the pump, suction jar and suction-irrigation instrument (5512-60)
- 4) Various types of suction-irrigation instruments and suction jars

REMOTE CONTROL (5512-50)

Remote Control for the suction-irrigation pump.

It enables controlling the pump remotely. Made from esthetic and solid stuff.

