

# 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 effective 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 suction-irrigation laparoscopic instrument
- > Compatibility with various models of laparoscopic suction-irrigation instruments

## Strengths

- > Minimally invasive technique of transporting fluid to and from a 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 (+/- 50mmHg)
Suction pressure	-50 kPa to -60 kPa
Weight	8,0 kg
External dimensions	D: 306mm x W: 330mm x H: 120mm
Supply voltage	100-240V AC
Power frequency	50/60 Hz
Class of protection	Applied part - 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 a 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:

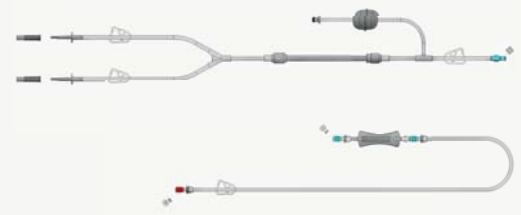
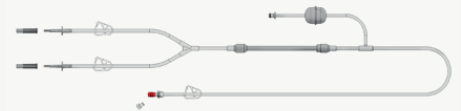
#### 1) DAY-USE PUMP PART (DUPP)

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

Single-use hydrophobic filters protects the pump against contamination from an operating area (5512-61)

Silicone connection tube for hydrophobic filters PV-5512STF (5512-62)

Silicone tubing to connect the pump, suction jar and suction-irrigation instrument (5512-60)

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.

