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.