

# Suction & Irrigation Pump

## ENDO PUMP 200D

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The **ENDO PUMP 200D** is a suction and irrigation pump dedicated to laparoscopic surgery. The optimum adjustment of pressure and flow parameters allow effective tissue rinsing and effective aspiration of fluid during laparoscopic procedures. The irrigation is based on the peristaltic pump module and suction on the high quality vacuum pump module.

- Autonomous Suction & Irrigation Channels
- Working parameters controlled
- Compatible with various instruments/models
- Esthetic and modern design
- Acoustic and visual signals
- Remote control option

### ENDO PUMP 200D EndoMed Systems Suction & Irrigation Pump

Item No.	Description
810300	Full automatic suction and irrigation pump up to 1.8 l/min
Item No.	Optional Accessories
643221	Suction Bottle 2 Liter
643222	Suction Bottle 2 Liter, Ring Holder
643223	Suction Bottle 2 Liter, Clamp
648511	Accessories Rail for Trolley Unicart
643224	Silicone Tube, 1 Meter
643225	Silicone Tube, 3 Meter

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### Technical Specifications

Device	ENDO PUMP 200D
Dimensions (WxHxD)	330 x 120 x 306 mm
Weight	8.0 kg
Power Supply	100-240 V AC, 50-60 Hz
Safety Class	Protection class: I Application part: Type BF
CE Standard	Classification acc. 93/42/EEC: IIa EN60601-1; EN60601-1-2
Casing Safety Standard	IP X1
Device Protection	2x T 1,6A L 250 V
Max. flow rate in the irrigation channel	1.8 l/min (+/- 10%)
Max. flow rate in the suction channel	1.8 l/min (+/- 10%)
Max. pressure in the irrigation channel	500 mmHg (+/- 50 mmHg)
Suction pressure	-60 kPa (+/- 10%)
Delivery contains	ENDO PUMP 200D, Single-Use Tubing Set (SUTS) : 3pcs, Silicone Tube STF, 1x Hydrophobic filter, Mains Cable

### Environmental Conditions

Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20°C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%

### Features

#### Tubing for the Irrigation channel

Tubing sets for ENDOMED 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): 50pcs

Installed directly to the pump control unit and to suction-irrigation instrument.  
Use of disposable tubing sets enforces their change after each surgery. (810430)

#### Economic-use tubing, consisting of:

- 1) Day-Use Pump Part (DUPP): 10pcs.  
Installed directly to a Day-Use Pump Part (DUPP) and to an endoscopy sheath. (810420)
- 2) Single-Use Patient Part (SUPP): 50pcs.  
Installed directly to the pump control unit and a Single-Use Patient Part. (810410)

#### Accessories for the suction channel

- Single-use 50pcs hydrophobic filters protects the pump against contamination from an operating area (810202)
- Silicone tubing to connect the pump, suction jar and suction-irrigation instrument (810303)
- Various types of suction-irrigation instruments and suction jars

#### Remote Control (810304)

Remote control for the suction-irrigation pump.  
It enables controlling the pump remotely.  
Made from esthetic and solid material.