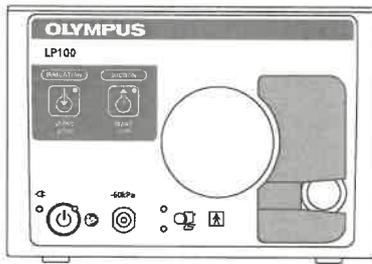




## Laparoscopic Pump

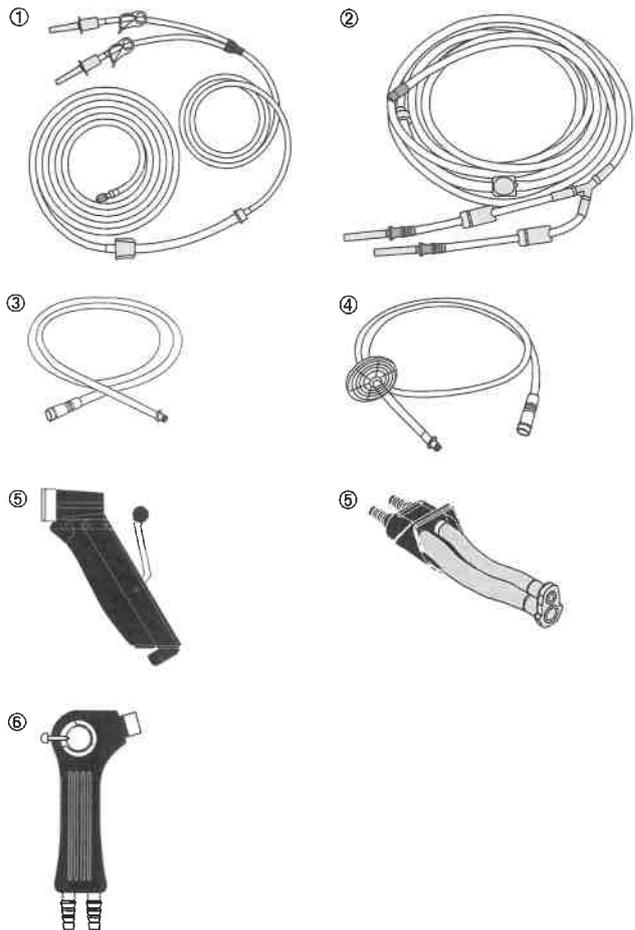


WA58850A Laparoscopic Pump "LP100"

## Technical Data

Mains voltage range.....	AC 100-240 V
Supply frequency range.....	50 / 60 Hz
Protection class.....	IP 41
Classification.....	Ila
Max. sound level.....	< 80 dB (a)
Max. negative suction pressure.....	-60 kPa
Max. pump pressure.....	450 mmHg
Max. irrigation performance.....	2 l / min
Accuracy flow.....	± 10 %
Dimensions (w x h x d).....	210 x 148 x 260 mm
Weight.....	3.7 kg

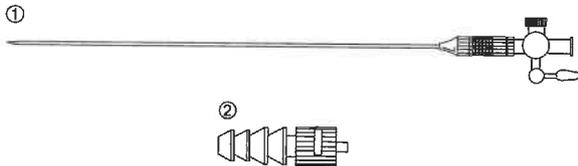
## Accessories



- ① **WA58810A** Tube set for irrigation, single-use, DEHP free, with RFID technology  $\leftarrow 1$
- ② **WA58820A** Tube set for irrigation, reusable, DEHP free, with RFID technology
- ③ **WA58830A** Tube set for suction, single-use, DEHP free  $\leftarrow 2$
- ④ **WA58840A** Tube set for vacuum incl. filter, 30-day-use
- ⑤ **WA51172A** Handle "HiQ+" (spare), for suction/irrigation tube, valve
- WA51181S** Valve tubing (spare), for HiQ+ handle, suction channel 5 mm, 1 pc.
- ⑥ **A5796** Handle, for suction / Irrigation tube

# Accessories for Insufflation

## Veress-Needles and Accessories



- ① **A5150.1** Needle, according to Veress, 150 mm
- 05151.1** Needle, according to Veress, 120 mm
- ② **00103** Adapter, male Luer-lock and x-mas tree

## CO<sub>2</sub> Filter

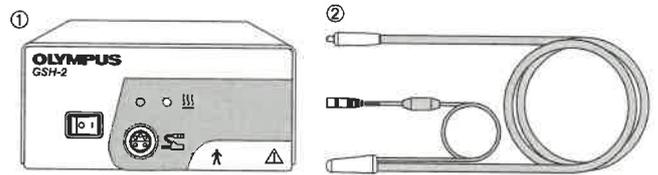


- A5663\*** Filter, sterile, single use, for insufflation, large, 10 pcs.

←3

For sterile filtration of the insufflation gas. Prevents possible contamination of the insufflation unit caused by backflow of body fluids.

## Gas Preheater



- ① **WA58670A\*** Gas preheater "GSH-2", 230 V, with heat exchanger  
*Delivery includes: Gas preheater, power cable, heat exchanger, adapter, 2 silicone tubings*
- ② **WA58671A\*** Heat exchanger "WISAP 7642HS", for WA58670A, autoclavable

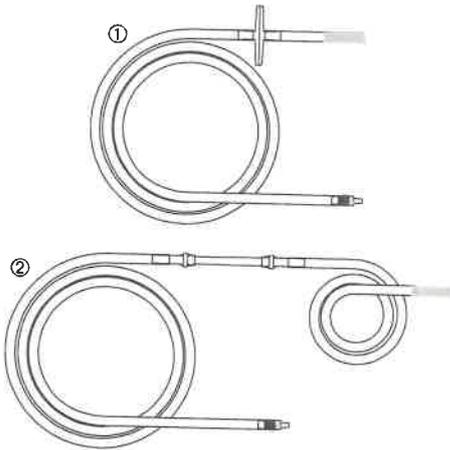
### Technical Data

Power supply.....	Voltage 230 V ~
Frequency.....	50/60 Hz
Power consumption.....	55 W
Size	
Dimensions.....	150 (W) x 80 (H) x 170 (D) mm
Weight.....	2.2 kg
Classification	
Protection against electric shock class 1, type B	

- Provides constant body temperature under different flow conditions.
- The gas is heated over the complete heat exchanging tube length.
- Autoclavable heat exchanger for very low costs per procedure. Compatible to most available insufflators.



### Insufflation Tubings



- ① **WA95005A\*** Tubing, with filter, sterile, single use, for insufflation, 20 pcs.
- ② **WA95007A\*** Tubing, sterile, single use, for UHI smoke evacuation, 20 pcs.

← 4.

### Gas Cylinder Tubings



- ① **A90121A** Tubing "MAJ-1080", high pressure, for PIN gas cylinders
- ② **A90122A** Tubing "MAJ-1081", high pressure, for DIN gas cylinders
- ③ **A90123A** Tubing "MAJ-1082", high pressure, for ISO gas cylinders

### Adapter for Central Gas Pipeline



- A90124A** Adapter, for central gas wall supply, "MAJ-1084", NIST connector
- on request** Adapter, for central gas wall supply, "MAJ-1085", DISS connector

3 psl.