

waterfall

endoscopic irrigation pump



waterfall

irrigation of the operating site is a very important element of any endoscopic procedure.

In endoscopic procedures, the operation site may be contaminated with chime or blood residue in the gastrointestinal tract.

The **waterfall** endoscopic irrigation pump was designed to ensure full comfort and safety during surgeries.

The pump makes it possible to quickly rinse the gastrointestinal tract using physiological saline directly through the endoscope's rinsing opening or by using endoscopic instruments.

Advantages of the **waterfall** endoscopic pump:

- assures good visibility and clean operating site
- reduces tissue adhesion on endoscopic instruments
- irrigation using physiological saline increases tissue conductivity - faster electrosurgical effects
- quick and easy fluid flow adjustment from the pump control panel
- microprocessor control of fluid flow
- low-noise, does not cause nuisance in the procedure room
- small size and possibility of mounting of the device on the SpectrumLine and TinyLine trolleys, gives easy access to the pump during the procedure



waterfall - technical specification

SAFETY FEATURES

Electric shock protection	Class I
Application part	BF
IP class	IP23

SUPPLY

Supply voltage	230 V or 110 V 50/60 Hz
Nominal power	40 VA
Digital flow control	YES

OTHER

Noise level	Max. 50,0 dBa
Footswitch	Standard - universal, 6-pin, cable 5m.
Pump type	3-roller peristaltic
Pump rpm	from 1 - 100 rpm to 10 - 500 rpm
Integration with electrosurgical unit	YES

FLOW PARAMETERS

Drain Ø 1.6 mm	Up to 135 ml/min
Drain Ø 3.2 mm	Up to 410 ml/min
Drain Ø 8 mm	Up to 1900 ml/min

DIMENSIONS & WEIGHT

Dimensions	180 mm x 250 mm x 320 mm
Weight	4,4 kg



020-100
Waterfall endoscopic irrigation pump



Accessories



PLPPLF200
Irrigation Tubing - EMED Pump / Pentax-Fujifilm
GI Endoscopes (with one way valve)



100300
Single use one-way water
jet connector for Fujifilm endoscope



PLO000100
Irrigation Tubing - EMED Pump / OLYMPUS GI
Endoscopes (with one-way valve)



100100
Single use one-way water jet
connector for Olympus endoscope



100-301
One-pedal footswitch, cable 5m, 6-pin plug