

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
- clear information of the fluid flow parameters at the digital display
- 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	CF
IP class	IP2X

SUPPLY

Supply voltage	220-240 V 50/60 Hz or 110-120 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. Pneumatic
Pump type	3-roller peristaltic
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. Water container 0.5l with scale, reusable. Drain set.

waterfall accessories



020-114 PharMed drain, in. dia. 4.8mm, out. dia. 8mm, length 60 cm, 2 x LuerLock, reusable



020-113 PCV drain, dia. 3.2mm, extension, length 200cm, 2 x LuerLock, single-use, 10 pcs



020-110 Waterfall, needle for watercontainer, dia. 2.5mm, length 210mm, LuerLock connection

020-109 Waterfall, needle for watercontainer, dia. 2.5mm, length 160mm, LuerLock connection



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



100-311 One-pedal footswitch, wireless



020-111 Pneumatic footswitch for WATERFALL irrigation pump

See our catalogue for a comprehensive range of accessories.

For more information, contact the regional representatives or visit www.emed.pl

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