OLYMPUS

OFP-2

Endoscopic Flushing Pump and Accessories

OFP-2 Main Unit

With its powerful but controllable peristaltic pump, the OFP-2 will irrigate fluid via either the instrumentation or auxiliary water channel of Olympus Gastrointestinal EVIS X1, EVIS EXERA, EVIS LUCERA, Smartage and EUS endoscopes.

The OFP-2 facilitates two main functions:
· The washing of gastric and colonic mucosa resulting in improved visualisation, diagnosis and therapy during endoscopic procedures
· Aids in the use of trans-endoscopic ultrasound probes by providing rapid filling of the organ to be examined

---

Main Unit:

· Designed to prevent over pressurisation of Olympus endoscopes
· Microprocessor control ensures accurate and precise flow rate delivery

· Ergonomically designed touch buttons for simple use
· Bright LED display for easy verification of selected settings

Order Number:

OFP-2 Flushing Pump (USA) - K10001141
OFP-2 Flushing Pump (Japan) - K10001142
OFP-2 Flushing Pump (Europe) - K10001143

OFP-2 Flushing Pump (UK) - K10001144
OFP-2 Flushing Pump (ROW) - K10001145

Auxiliary Channel Use

Option 1:   MAJ-1651 & MAJ-1652: Disposable Tubing Solution

Added to the line-up, the MAJ-1651 auxiliary channel water tube set and the MAJ-1652 auxiliary channel adaptor are supplied sterile.

The MAJ-1651 is designed for single-day use and the MAJ-1652 for single-patient use.

This single-use option is used for irrigation via the auxiliary channel of the endoscope with the use of the OFP-2.

It can be used with the reusable water container MAJ-1603 or with commercially available disposable water bottles.

This cost effective solution is a practical alternative to reusable devices as there is no requirement for reprocessing.

MAJ-1651
Auxiliary Channel Water
Tube Set (10 pcs)

Article number - K10023086
Single-day use - supplied sterile

MAJ-1652
Auxiliary Channel Adaptor
(100 pcs)

Article number - K10020736
Single-patient use - supplied sterile

Option 2:   MAJ-1608 & MAJ-855: Reusable Tubing Solution

The MAJ-1608 auxiliary channel water tube is supplied sterile and is designed for single-day use.

The MAJ-855 auxiliary water tube requires reprocessing before each use.

This semi-disposable option is for irrigation via the auxiliary channel of the endoscope with the use of the OFP-2. It is used with our reusable water container MAJ-1603.

MAJ-1608
Auxiliary Channel Water Tube

Pack 50: Article number - K10001147
Pack 10: Article number - K10016135
Single-day use - supplied sterile

MAJ-855
Auxiliary Water Tube

Article number - 028608
Reusable - supplied non-sterile

Irrigation Tubing with CO_2 / Air

MAJ-2207/MAJ-2208 & MAJ-2209/MAJ-2210

Olympus irrigation tubing with CO_2 and Air are the 3-in-1 solution for insufflation, lens cleaning and irrigation from one water source.

Efficient set-up by combining your existing insufflation / lens flush and irrigation tubes

· Improved irrigation flow vs existing systems

· 24 hour use

· Innovative bottle cap offers maximum seal with improved handling

· To be used with commercially available disposable water bottles

· Product requires MAJ-1652 Auxiliary Channel Adaptor

· CO_2 version requires connection tube for UCR: Single-Day-Use Contu CO_2 connection tube or reusable gas tube (MAJ-1741, MAJ-1742 or MAJ-1816)

MAJ-2207 / MAJ-2208
Irrigation Tube with CO_2

MAJ-2209 / MAJ-2210
Irrigation Tube with Air

Ordering Information

Irrigation Tubing with CO_2

	Article Number	Article Name	Description	Note	Compatible Water Bottles (1000 ml)
	K10035002	MAJ-2207	Irrigation tubing with CO_2 Cap A	Supplied sterile/ Single-Day-Use	Baxter UKF7114 / AKF7114 Baxter 2F7114 B. Braun R5000-01 Hospira 07139-09
	K10035003	MAJ-2208	Irrigation tubing with CO_2 Cap B	Supplied sterile/ Single-Day-Use	Baxter UKF7114 / AKF7114 Fresenius Kabi 3158589 Fresenius Kabi Ampuwa 16-01-FAM10 Laboratoire Aguettant Versol 600500

CO_2 Tubing

	Article Number	Article Name	Description	Note	Quantity - Unit/Box
	E0420575	Contu CO_2	CO_2 Connection Tube including removable UCR Adapter*	Single-Day-Use	10
	N2654500	MAJ-1741	UCR High Flow Gas Tube	Reusable	1
	N2654600	MAJ-1742	UCR Medium Flow Gas Tube	Reusable	1
	N3493330	MAJ-1816	UCR Low Flow Gas Tube	Reusable	1

Irrigation Tubing with Air

	Article Number	Article Name	Description	Note	Compatible Water Bottles (1000 ml)
	K10035004	MAJ-2209	Irrigation tubing with Air Cap A	Supplied sterile/ Single-Day-Use	Baxter UKF7114 / AKF7114 Baxter 2F7114 B. Braun R5000-01 Hospira 07139-09
	K10035005	MAJ-2210	Irrigation tubing with Air Cap B	Supplied sterile/ Single-Day-Use	Baxter UKF7114 / AKF7114 Fresenius Kabi 3158589 Fresenius Kabi Ampuwa 16-01-FAM10 Laboratoire Aguettant Versol 600500

* Distributed by: Olympus Europa SE & Co. KG
  Manufactured by: MDD Company GmbH, Rengglochstrasse 38, 6012 Obernau, Switzerland

EndoTherapy Channel Use

MAJ-1681 & MAJ-1682: ESD knives with jet function with bottle and saline bag connection

The MAJ-1681 and MAJ-1682 tube sets are for use with the Olympus ESD knives with jet function and are supplied sterile.

The MAJ-1681 is designed for single-patient use and connects to saline bottles via a screw cap (included) and also the MAJ-1603 water container.

The MAJ-1682 is designed for single patient use and connects to a saline bag via a spike connector.

The MAJ-1681 and MAJ-1682 are a practical alternative to reusable devices as there is no requirement for reprocessing and also:

· Provide instant fluid flow start/stop for high level of control

· Integrated check valve protects the fluid supply from contamination

MAJ-1681
Accessory port tube with bottle cap

Pack 10: Article number - K10026641
Single patient use - supplied sterile

MAJ-1682
Accessory port tube with saline spike

Pack 10: Article number - K10026686
Single patient use - supplied sterile

Instrument Channel Use

MAJ-1606 & MAJ-1607

The MAJ-1606 instrument channel adaptor and MAJ-1607 instrument channel water tube are supplied sterile and are single-patient use items.

Use of the MAJ-1606 adaptor allows either irrigation or a combination of irrigation and the passage of an EndoTherapy device through the endoscope's instrument channel.

The MAJ-1606 adaptor also allows a rapid filling of organs for use in Endoscopic Ultrasound procedures.

MAJ-1606
Instrument Channel Adaptor

MAJ-1607
Instrument Channel Water Tube

Pack 100: Article number - K10007072
Pack 10: Article number - K10016091
Single-patient use - supplied sterile

Pack 50: Article number - K10001146
Pack 10: Article number - K10016136
Single-patient use - supplied sterile

Supplied for single use

Safety Features of OFP-2:

· Pump Head automatically cuts out if opened during operation to prevent accidental user injury
· Standby mode allows for the quick and safe exchange of water channel tubes without the need to operate the mains switch
· A 20-second automatic cut-off timer allows for controlled irrigation

MAJ-1603 Water Container:

· Holds two litres with markings to indicate fluid levels
· A specially designed lid guides the water tubing to optimise fluid usage
· The water container and lid are autoclavable for effective sterilisation

OFP-2 Benefits:

· Improved functionality allows use with either the instrument or auxiliary water channel, including EUS ultrasound endoscopes
· Compact design provides essential space saving on workstations
· Operates via either remote controlled scope operation or foot switch

OFP-2

Accessories

MAJ-1603
Water container - two litres
(pack of three)

Article number - K10007071

MAJ-920
Remote control cable

Article number - 028599

Replacement pump head

Article number - K10011134

Foot switch

Article number - 7501357

Specifications

OFP-2	
Dimensions	220 mm (H) x 385 mm (D) x 245 mm (W)
Weight	4 kg (with empty water container)
Maximum Flow Rate	Instrument channel: 750 ml/min
	Auxiliary water channel: 230 ml/min
Power Requirements	Power Supply: 100-240 V ~
	Fusing: 2 x T2.5 AH 250 V
Frequency	50/60 Hz
Power Rating	100 VA
Safety	Complies with EN/UL/IEC60601-1
Regulatory	CE marked and ETL listed

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications and accessories may be required.