



OMNIS IC equip.: HPP piston seal wash, DD

6.05332.020

Accessory set for HPP piston seal wash: The HPP piston seal wash for the OMNIS IC HPP is standard foreseen with a free port on a dosing system on the OMNIS Cylinder Unit. After each sample analysis, the piston is rinsed with a small portion of UPW.

When no free Cylinder Unit channel is available, the UPW can alternatively be transferred via a peristaltic pump channel equipped with 601826010 peristaltic pump tubing.

Prerequisites:

OMNIS IC S/M/L, including:

- available OMNIS Cylinder Unit port (with UPW as working medium) or
- available OMNIS Peristaltic Pump Unit channel

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

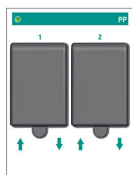
Scope of delivery 6.05332.020

Order Number	Description	Quantity
6.2744.070	Pressure screw short Short version. With UNF 10/32 connection. 5 pieces. For the connection of PEEK capillaries	1 PCS
		
6.1803.030	PTFE capillary 0.5 mm i.d. / 3 m Capillary for inline dialysis, for Dialysis Unit, IC Dialysis Sample Processor, IC Liquid Handling Dialysis Unit	1 PCS
		
6.05801.010	Piston wash kit Upgrade kit to extend the OMNIS High-Pressure Pump Unit with piston wash. Piston wash seals are included. Prerequisites: – 2.1056.0210 OMNIS High-Pressure Pump Unit – 6.02621.010 Multitool, HPP	1 PCS
		

Optional accessories

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OMNIS Peristaltic Pump Unit 2-Channel



The OMNIS Peristaltic Pump Unit is used as the peristaltic pump in the OMNIS IC System to convey the samples and auxiliary solutions.

It works according to the displacement principle, i.e., liquids are forced through the pump tubing by external mechanical deformation of the pump tubing. The pump tubing is deformed by pressing it against a rotating roller head.

The two channels can be operated independently of each other at different speeds, increasing flexibility for a wide range of applications.

Specifications:

- Number of channels: 2
- Rotational speed increment: 2.5 rpm
- Minimum rotational speed: 2.5 rpm
- Maximum rotational speed: 250 rpm
- Rotation direction: Clockwise

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OMNIS MISP Unit



The OMNIS MISP Unit acts as a holder and pullout for the accessories of the various Metrohm inline sample preparation techniques (Metrohm Inline Sample Preparation "MISP") and liquid handling processes. The innovative pull-out design makes it easy to insert or change accessories. As a result, they are stored in an orderly and space-saving way and integrated in the flow path. With the corresponding accessories, the following Metrohm inline sample preparation techniques can be carried out with the OMNIS MISP Unit:

- Metrohm Inline Ultrafiltration (UF)
- Metrohm Inline Dilution (MIDT)
- Metrohm inline dilution in combination with Metrohm inline ultrafiltration (MIDT-UF)
- Metrohm Inline Dialysis
- Metrohm intelligent Partial Loop injection Technique (MiPT)
- Metrohm inline ultrafiltration and Metrohm intelligent Partial Loop injection Technique in combination (UF-MiPT)
- Metrohm intelligent Preconcentration Technique (MiPCT)
- Metrohm intelligent Preconcentration Technique with matrix elimination (MiPCT-ME)
- Metrohm intelligent Pick-up injection Technique (MiPuT)
- Metrohm Inline Neutralization and Metrohm Inline Cation Removal
- Metrohm intelligent Preconcentration Technique with inline neutralization (MiPCT-NE)

Ultrafiltration or dialysis cell, transfer tubings or transfer capillaries can be used in the OMNIS MISP Unit. All trap columns available from Metrohm can be mounted with the optional MISP holder. Various connectors can be fastened to the optional MISP base plate and integrated into the flow path.

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OMNIS Dosing Drive Unit



The OMNIS Dosing Drive Unit functions as a dosing drive for attachable cylinder units used for the precise aspiration and dosing of liquid volumes.

The OMNIS Dosing Drive Unit is compatible with various cylinder units (2 to 50 mL). Thanks to the new design, a higher resolution and accuracy can be achieved during dosing.

Specifications:

- Resolution: 250,000 steps per cylinder volume
- Dosing times/filling times: 10 seconds