



OMNIS Sample Robot S – WSM (1T/2P)

2.1010.1120

OMNIS Sample Robot S – WSM, equipped with an OMNIS Workstation Module with 2 pumps for cleaning and extraction of the sensors and sample vessels, a workstation, rod stirrers, and extensive accessories for getting started directly with fully automated titration. The system provides space in two sample racks for 32 sample beakers of 120 mL each. This modular system is supplied completely installed and can thus be put into operation in a very short time. The system can also be extended upon request to include 2 additional peristaltic pumps and another workstation, thus doubling the throughput. If additional workstations are required, then the Sample Robot S can be extended to become an L-sized OMNIS Sample Robot, thus enabling samples from 7 racks to be processed in parallel on up to 4 workstations to quadruple the sample throughput.

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 2.1010.1120

Qt.	Order no.	Description
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1 PCS

1.1006.0010

Rod Stirrer "Sample Robot"

Rod stirrer with permanently mounted cable (2.5 m) for direct connection to the OMNIS Sample Robot.



1 PCS

1.1010.1130

OMNIS Sample Robot S – WSM (1T/2P)

OMNIS Sample Robot S – WSM comprised of an OMNIS Main Module S – WSM and an OMNIS Workstation Module which is equipped with 2 pumps for cleaning and extracting the sensors and sample vessels and 1 workstation. This modular system is supplied completely installed and can thus be put into operation in a very short time.



2 PCS

6.01400.200

Sample beakers, plastic (PP), 120 mL, 20 pieces

Sample beakers, plastic (polypropylene, PP), 120 mL, suitable for 602041030 OMNIS sample rack, 20 pieces.



1 PCS

6.01403.030

Titration head 3xNS14 / 4x6.4 mm (P&P)

Titration head with 3 NS14 and 4x 6.4 mm openings for using 120 mL beakers in Pick&Place modules of the OMNIS Sample Robot Pick&Place with two retracted dosing tips. Prepared for being equipped with rinsing and aspiration tubing.



2 PCS

6.01404.030

Beaker adapter for OMNIS 120 mL sample beaker

Beaker adapter for centering the 120 mL sample beaker in the slide of the Pick&Place modules



1 PCS

6.01543.100

Aspiration tip automation

Aspiration tip for automated OMNIS titrations.



1 PCS

6.01803.000

Silicone tubing 8/12 2.5 m

Silicone tubing for connecting to the drainage of the Pick&Place module or pump module in order to channel any solution overflows that may occur safely into the waste canister.



1 PCS

6.01804.500

Tubing adapter for drainage tubing

Tubing adapter for drainage tubing on Pick&Place modules and pump modules in the OMNIS Sample Robot Pick&Place.

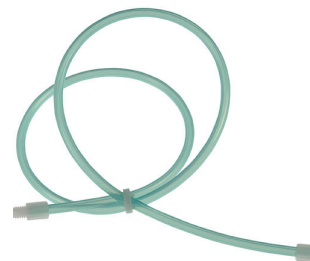


3 PCS

6.01805.000

FEP tubing connection / M6 / 66.5 cm

With light protection and protection against kinks.



1 PCS

6.01805.010

PTFE tubing connection / M8 / 66.5 cm

With light protection and protection against kinks.



1 PCS

6.01900.030

Stirring propeller 20 mm ETFE

Stirring propeller, 20 mm, with adjustable height for use with Rod Stirrer "Titrator" or Rod Stirrer "Sample Robot"



2 PCS

6.02041.030

OMNIS sample rack, 16 x 120 mL, (PP)

OMNIS sample rack for OMNIS Sample Robot Pick&Place, suitable for 16 sample beakers. The following sample beakers can be used: 6.01400.200, 6.01400.300, 6.01400.303.

Plastic: Polypropylene (PP)



1 PCS

6.02601.010

Gripper fingers 43 - 65 mm

Gripper fingers for OMNIS Sample Robot Pick&Place for gripping sample beakers with an outer diameter of 43 to 65 mm.

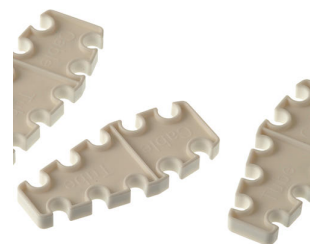


1 PCS

6.02705.000

Tubing and cable guide

For organizing tubing and cables between Pick&Place module and titrator



1 PCS

6.05001.110

WSM accessory kit (1T/2P)

This accessory kit contains all of the components required for the tubing setup for 1 rinsing pump and 1 aspiration pump on the pump module of the OMNIS Workstation Module (1T/2P). In addition to preassembled tubing with Luer connectors, each of these also includes 2 press clamps and pump tubing. A tool for simplifying attachment of the Luer connectors is also included in the set.



1 PCS

6.1602.115

Bottle attachment / S 40 / green

For direct dosing from reagent bottles with S 40 thread (Merck...).



2 PCS

6.1621.000

Container 10 L

As rinsing or waste container in automated systems.



2 PCS

6.1621.100

Cap for 10-L container

Cap for 10-L container. For easy and safe transportation of filled containers.



1 PCS

6.1624.000

Adapter SGJ 14 for 6.1619.XXX Adsorber tube

Adapter SGJ 14. Part of 6.1619.010 for Dilution Sample Processor.



1 PCS

6.2023.020

Clip for SGJ 14/15

Clip for SGJ 14/16



1 PCS

6.2709.070

Guiding sleeve

For fixation of buret and dosing tips in titration heads and electrode holders



3 PCS

6.2740.020

Spray nozzle

For the fine-spraying of the rinsing solution.



Optional accessories

Order no.	Description	
6.01400.300	Sample beakers, clear glass, 120 mL, 20 pieces Sample beakers, clear glass, 120 mL, suitable for 602041030 OMNIS sample rack, 20 pieces.	
6.01400.303	Sample beakers, amber glass, 120 mL, 20 pieces Sample beakers, amber glass, 120 mL, suitable for 602041030 OMNIS sample rack, 20 pieces	
6.05700.010	Consumable Kit OMNIS Pump Module (2-channel) Two pump tubings each and associated press clamps for replacement in the OMNIS pump module. One Consumable Kit can be used for re-equipping two peristaltic pumps of the pump module.	
6.05700.000	Consumable Kit OMNIS Gripper Four slide sleeves and rubber gripper fingers each for replacement on the gripper finger of the OMNIS Sample Robot.	

6.05800.540 Upgrade Pick&Place module WSM

This set contains all of the components required to extend an OMNIS Workstation Module (1T/0P) or (1T/2P) to include a second workstation. Sample throughput can be doubled as a result of the extension.



6.05800.560 Upgrade stirrer WSM

This set contains all of the components required to equip a workstation of an OMNIS Workstation Module with a magnetic stirrer.



6.05800.570 Upgrade peristaltic pump module WSM

This set contains all of the components that are required for the upgrade of an OMNIS Workstation Module involving the addition of 2 pumps. This set can be used not only to extend the number of pumps from 0 to 2, but also from 2 to 4, and enables the effective cleaning of sensors and sample vessels. In addition to the pumps required, all of the necessary tubing and canisters are included for equipping 1 rinsing pump and 1 aspiration pump each.



6.05800.600 Upgrade OMNIS Sample Robot S-M WSM

This set contains all of the components required for upgrading an already existing OMNIS Sample Robot WSM from size S to size M. In addition to the required rack and module bases, all of the required cables, screws, and arm extensions are included, as is the function license. As before, the set also contains a drain channel for the OMNIS Sample Robot M/L



This set contains all of the components required for upgrading an already existing OMNIS Sample Robot WSM from size S to size L. In addition to the required rack and module bases, all of the required cables, screws, and arm extensions are included, as is the function license. As before, the set also contains a drain channel for the OMNIS Sample Robot M/L.



This set contains a rinse station for the automatic cleaning of the pipetting equipment of the OMNIS Sample Robot.

The rinse station can be mounted upstream of the pump tower of the OMNIS Workstation Module.

In order to function, the rinse station must be supplied with two pumps for the aspiration and extraction of solutions.

