



# Módulo principal Pick&Place M

2.1011.0010

Módulo principal para el montaje de un OMNIS Sample Robot Pick&Place del tamaño M. Este módulo está equipado con un elevador principal y un agarre. Para el montaje completo se necesitan una base de módulo M/L y una base de gradilla. La ampliación a un Sample Robot funcional se realiza mediante el equipamiento con gradillas de muestra, dedos de pinza y puesto de trabajo como p. ej. módulos Pick&Place o de bombeo. La selección de estos componentes se realiza de acuerdo con su aplicación.

## Partes/accesorios 2.1011.0010

| Qt.   | Order no.   | Descripción              |
|-------|-------------|--------------------------|
| 1 PCS | 1.1011.0020 | Main module Pick&Place M |

Main module for setting up an OMNIS Sample Robot Pick&Place in size M. This module is equipped with the main lift and one gripper. One M/L module base and one rack base are each required to complete the setup. It must be equipped with sample racks, gripper fingers and workstations, e.g., Pick&Place module or a pump module in order to use it to set up a functioning Sample Robot. The selection of these components proceeds in accordance with the application.



The cable cover protects the MDL and Ethernet cables connectors on the OMNIS Sample Robot.



## Accesorios opcionales

| Order no.   | Descripción                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 2.1014.0010 | Pick&Place module                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |
|             | Module for installation in the module plate of the Pick&Place of the OMNIS Sample Robot. This workstation takes up the sample beaker for the analysis. Used sensors are cleaned or parked in the storage beaker of the Pick&Place module between analyses. If stirring is required during the analysis, then a separate rod stirrer must be used for this workstation.                                                                                                         |                                                                                       |
| 2.1014.0110 | Pick&Place module with stirrer                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |
|             | Module for installation in the module plate of the Pick&Place of the OMNIS Sample Robot. This workstation takes up the sample beaker for the analysis. The built-in magnetic stirrer makes it possible to analyze samples that were prepared externally on a magnetic agitator directly in the Sample Robot without having to remove the magnetic stirring bar beforehand. Used sensors are cleaned or parked in the storage beaker of the Pick&Place module between analyses. |                                                                                       |
| 2.1016.0010 | Peristaltic (2-channel) pump module                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|             | Module for installation in the module plate of the Pick&Place of the OMNIS Sample Robot. This workstation is equipped with both a rinsing pump and an aspiration pump. They are used to clean the sensors in a Pick&Place module and to empty the sample beaker after the analysis before it is returned to the rack once again.                                                                                                                                               |                                                                                       |
| 2.1016.0110 | Peristaltic (4-channel) pump module                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|             | Module for installation in the module plate of the Pick&Place of the OMNIS Sample Robot. This workstation is equipped with two rinsing pumps and two aspiration pumps each. They are used to clean the sensors in two Pick&Place modules and to empty the sample beaker after the analysis before it is placed back in the rack once again.                                                                                                                                    |                                                                                       |

6.02001.010 Rack base

Rack base for extending the main modules to the OMNIS Sample Robot



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6.02003.010 Module base M/L

Module base for extending the main modules M and L to the OMNIS Sample Robot.



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6.02041.010 OMNIS sample rack, 9 x 250 mL, (PP)

OMNIS sample rack for OMNIS Sample Robot Pick&Place, suitable for 9 sample beakers. The following sample beakers can be used: 6.01400.000, 6.01400.003, 6.01400.100.

Plastic: Polypropylene (PP)



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6.02041.020 OMNIS sample rack, 9 x 200 mL, (PP)

OMNIS sample rack for OMNIS Sample Robot Pick&Place, suitable for 9 sample beakers. The following sample beakers can be used: 6.1459.310.

Plastic: Polypropylene (PP)



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)

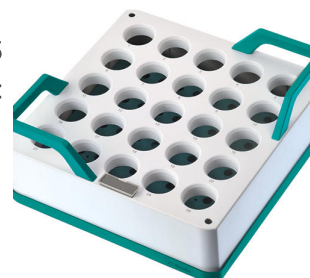


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6.02041.040 OMNIS sample rack, 25 x 75 mL, (PP)

OMNIS sample rack for OMNIS Sample Robot Pick&Place, suitable for 25 sample beakers. The following sample beakers can be used: 6.01402.000, 6.01402.003, 6.1459.400.

Plastic: Polypropylene (PP)



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6.02041.050 OMNIS sample rack, 9 x 150 mL, (PP)

OMNIS sample rack for OMNIS Sample Robot Pick&Place, suitable for 9 sample beakers. The following sample beakers can be used: 150 mL beaker (tall shape and without spout).

Plastic: Polypropylene (PP)



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6.02064.020 Retainer for 200 mL sample beaker

Retainer for fixing the 200 mL sample beaker in place in the gripper fingers of the OMNIS Sample Robot Pick&Place.



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.



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6.02601.020      Gripper fingers 50 - 72 mm

Gripper fingers for OMNIS Sample Robot Pick&Place for gripping sample beakers with an outer diameter of 50 to 72 mm.



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6.02601.030      Gripper fingers 48-64 mm

Gripper fingers for OMNIS Pick&Place Sample Robot for gripping sample beakers with an outer diameter of 48 - 64 mm.



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6.02601.040      Gripper fingers 28-48 mm

Gripper fingers for OMNIS Sample Robot Pick&Place for gripping sample beakers with an outer diameter of 28 - 48 mm.



6.02700.000 Safety shield for Pick&Place module

Safety shield for Pick&Place modules



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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.



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6.05700.250 Consumable Kit OMNIS Gripper for 6.02601.030

Four rubber gripper fingers for replacement on the gripper finger of the OMNIS Sample Robot.



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6.05800.020 Upgrade Sample Robot M to L

The set contains all of the components required for the upgrade of an already existing OMNIS Sample Robot from size M to size L. Apart from the required rack and module bases, all the required cables, screws, arm extensions as well as the function license are included.

