Dilution vessel

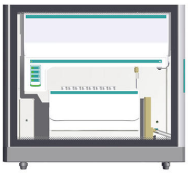
6.02762.100

Mixing vessel for inline dilution for the OMNIS IC Autosampler and OMNIS IC Autosampler COOL.

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.

Optional accessories

2.1054.0010
OMNIS IC Autosampler Module



The OMNIS IC Autosampler automates the sample change in the OMNIS IC System and enables efficient processing of up to 160 vials of 5 mL each, depending on the selected rack. As the first fully integrated autosampler of the new OMNIS IC generation, it is installed directly below the OMNIS IC as standard. It is not a stand-alone device, but an integral part of the OMNIS IC System, which is conveniently controlled via the OMNIS Software.
Key features:
– Compact footprint: Can be placed directly under the OMNIS IC
– High sample throughput: 96 x 10 mL vials, 160 x 5 mL vials, 192 x (1500, 700, 300) µL HPLC vials, 384 x 2 mL well format (deep well plate)
– High speed (30 s/injection of 5 µL)
– Removable autosampler tray for easy loading and unloading
– Interior lighting for easy loading and unloading
– Fast and precise xyz needle drive with automatic vial detection
– Follow-up light and status display for visual traceability of needle movement and autosampler status
– High flexibility for different sample vessels and rack types (including customer-specific racks)
– Six integrated positions for 50 mL bottles, e.g., for standards or rinsing solutions
– Integrated rinsing station and leak detection as standard for maximum safety
– Fully integrated into the OMNIS Software
– Optional upgrades: 3/2-way valves, dilution station, barcode reader

2.1054.0020
OMNIS IC Autosampler Module COOL

The OMNIS IC Autosampler COOL automates the sample change in the OMNIS IC System and enables efficient processing of up to 160 vials of 5 mL each, depending on the selected rack. In addition, the OMNIS IC Autosampler COOL offers the option of precisely controlling the temperature in the range from 4 °C to 22 °C, enabling a large number of samples to be cooled. The cooling function is ideal for thermally unstable and biochemically relevant samples, for example in the analysis of organic acids, halogenated acetic acids, amino acids, and carbohydrates.

Key features:

– Compact footprint: Can be placed directly under the OMNIS IC
– Temperature control from 4 °C to 22 °C
– High sample throughput, large quantity of coolable samples: (96 x 10 mL vials, 160 x 5 mL vials, 192 x (1500, 700, 300) µL HPLC vials, 384 x 2 mL well format (deep well plate)
– High speed (30 s/injection of 5 µL)
– Removable autosampler tray for easy loading and unloading
– Interior lighting for easy loading and unloading
– Fast and precise xyz needle drive with automatic vial detection
– Follow-up light and status display for visual traceability of needle movement and autosampler status
– High flexibility for different sample vessels and rack types (including customer-specific racks)
– Six integrated positions for 50 mL bottles, e.g., for standards or rinsing solutions
– Integrated rinsing station and leak detection as standard for maximum safety
– Fully integrated into the OMNIS Software
– Optional upgrades: 3/2-way valves, dilution station, barcode reader

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6.02762.110
Dilution vessel lid

Lid for the dilution vessel of the OMNIS IC Autosampler or OMNIS IC Autosampler COOL.