



PlateMate® 2x2

Automated Vacuum Filtration Kit



FEATURES

- Compatible with 96- and 384-well filter plates
- Complete filter plate automation
- Automatic reservoir replenishment
- Compatible with all PlateMate 2x2 instruments
- Modular pick and place design
- Integrated ControlMate® software

BENEFITS

- Only one instrument is required for all Millipore MultiScreen[®]_{HTS} filter plate types
- From source plate, to filter plate, to the last wash cycle, the PlateMate[®] 2x2 efficiently manages filter plate assays
- No need to watch the wash buffer reservoir, a liquid level sensor automatically refills the reservoir
- Filter plate assays can be processed on any PlateMate 2x2 instrument
- Allows easy transition from vacuum filtration assays to other applications
- Powers the vacuum on and off for efficient plate removal

Automate your filter plate assays from start to finish with the PlateMate 2x2 vacuum filtration kit. From source plate transfers, to reagent addition, to the last wash cycle, the vacuum filtration assay kit seamlessly processes all aspects of a filter plate assay. Further expanding its versatility, the PlateMate 2x2 is now able to process filter plate assays such as receptor-ligand binding assays by integrating a Millipore MultiScreen_{HTS} vacuum manifold. Integrated ControlMate software powers the vacuum pump on and off for efficient plate removal.



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Kit Components

- Item (quantity)
- Stage assembly (1)
- Vacuum control relay (1)
- Plate lifters (3)
- Tubing set (1)
- Vacuum flask (1)
- Vacuum stopper (1)
- Millipore chemical duty vacuum pump (1)
- Millipore MultiScreen_{HTS} vacuum manifold (1)

Ordering Information

Catalog Number	Description
301-10001 or 301-10005	PlateMate 2x2 base unit
Choice of 8 pipetting head options	Pipetting head
301-50020	Automated Vacuum Filtration Kit, 110V
301-50022	Automated Vacuum Filtration Kit, 220V
301-50024	Automated Vacuum Filtration Kit, 100V

PRODUCT HIGHLIGHTS

- Compatible with 96 and 384-well filter plates
- Completes every step of the filter plate assay, no additional liquid handling instrument required
- Solvent resistant – designed to work with all Millipore MultiScreen filter plates for a variety of assays
- Field upgradeable design works with all current PlateMate 2x2 instruments

PRODUCT SPECIFICATIONS

Automated Vacuum Filtration Kit, 110V

Catalog number (110V)	301-50020
Manifold dimensions (HxWxD)	2.25"x5.6"x2" (57x142x51mm)
Manifold footprint (WxD)	5"x3.4" (128x85mm)
Vacuum pump (110V)	115V, 60Hz

Automated Vacuum Filtration Kit, 220V

Catalog number (220V)	301-50022
Manifold dimensions (HxWxD)	2.25"x5.6"x2" (57x142x51mm)
Manifold footprint (WxD)	5"x3.4" (128x85mm)
Vacuum pump (220V)	220V, 50Hz

Automated Vacuum Filtration Kit, 100V

Catalog number (100V)	301-50024
Manifold dimensions (HxWxD)	2.25"x5.6"x2" (57x142x51mm)
Manifold footprint (WxD)	5"x3.4" (128x85mm)
Vacuum pump (100V)	100V, 50-60Hz

Vacuum Filtration System Specifications

Compatible filter plates	96 and 384 well MultiScreen filter plates
Vacuum manifold	MultiScreen _{HTS} Vacuum Manifold
Wash reservoir	Automatic replenishment
Source plate compatibility	Deep well, standard, and low profile
Source plate compatibility	96 and 384 well

For more information about Millipore Multiscreen_{HTS}, visit www.millipore.com

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