

Biochrom Asys Atlantis

Microplate Washers



EASY TO USE

- Colour-coded tube fittings
- Pre-programmed wash cycles and plate formats
- Manifold can be used to probe the parameters of the wells of the microplate

QUIET AND EFFICIENT

- Vacuum and pressure-free system with quiet pumps for a more peaceful lab. No warm-up time needed
- No special wash bottles required
- Efficient washing (<1 µL residual volume in flat bottomed plates)

FLEXIBLE

- Up to 4 different channels and bottles allowing flexible configurations, e.g., 3 wash and 1 rinse or 4 different wash solutions
- 8-channel manifold supplied for 96-well plates with standard ANSI SBS footprint. Optional 16-channel manifold for 384-well plates
- Easy plate setup and flexible software
- Automatic rinse to prevent clogging
- Wash without touching the well using the automatic well depth detection and crosswise aspiration selectable functions
- Configurable to a range of microplate well types
- Three different rinse/prime methods

Safety Features

- Manifold cover reduces aerosols
- Emergency stop (prevents damage to the microplate)
- Optional liquid level warnings and liquid level sensors

PROGRAM OPTIONS

- Up to 8 cycles per procedure
- 20 different wash cycles can be defined including:
 - Bottom and overflow washing options
 - Adjustable dispense volume and speed
 - Adjustable aspiration speed and time
 - Adjustable soak time
 - Shaking (3 modes)
- 50 different procedures may be created by combining up to 8 previously defined wash cycles in sequence. Washing procedures can either be over the whole plate or a few strips.
- Overflow and bottom washing options
- Built-in language options of English and German

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TECHNICAL SPECIFICATIONS

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Dispensed Volumes	50 – 2000 µL in 50 µL increments
Dispensing Precision	< 5% at 300 µL across the plate
Residual Volume	<1 µL per well
User Interface	2 x 16 characters backlit display Keyboard with 5 function keys
Shaking	3 speeds
Microplates	96-well plates flat and round bottomed (384-well plates with 16-way manifold). Fits plates with standard ANSI SBS footprint
Power Requirement	90 – 250 V, 60 VA auto-sensing, 50/60 Hz
Instrument Dimensions	21 x 44 x 21 cm (8.3 x 17.3 x 8.3 in)
Weight	8 kg (17.8 lb)

ORDERING INFORMATION

Order #	Product
G021101	Biochrom Asys Atlantis 2-Microplate Washer for 96-well Plates. 2 liquid lines, 8-way manifold and tubing, 2 wash/rinse bottles (2 L), 1 waste bottle (2.5 L)
G021102	Biochrom Asys Atlantis 4-Microplate Washer for 96-well Plates. 4 liquid lines, 8-way manifold and tubing, 4 wash/rinse bottles (2 L), 1 waste bottle (2.5 L)
SB021011002	Optional 12-way manifold for 96-well plates
SB021013000	Optional 16-way manifold for 384-well plates

For further information, please contact Medline Scientific customer services or your Area Sales Manager

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