

The Atlantis microplate washer is ideal for both absorbance and luminescence based microplate assays. Ideal for busy laboratories running multiple microplate applications.

Biochrom[®] Asys Atlantis Microplate Washer



Key Features

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

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 (< 1µL residual volume in flat bottomed plates)

EASY TO USE

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

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)
- Fifty different procedures may be created by putting 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
- Choice of English or German language

Safety Features

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

TECHNICAL DETAILS

Biochrom Asys Atlantis Microplate Washer

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

ORDERING INFORMATION:

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



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