

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

# Biochrom<sup>®</sup> 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 manifolds supplied for 96 well plates. Optional 12 way and 16 way manifolds 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

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

## ORDERING INFORMATION:

G021101	<b>Biochrom Asys Atlantis 2 Microplate Washer</b> for 96 well Plates 2 liquid lines, 8 way manifold and tubing, 2 wash/rinse bottles (2L), 1 waste bottle (2.5L)
G021102	<b>Biochrom Asys Atlantis 4 Microplate Washer</b> for 96 well Plates 4 liquid lines, 8 way manifold and tubing, 4 wash/rinse bottles (2L), 1 waste bottle (2.5L)
80-2115-68	Optional 12 way manifold
80-2115-69	Optional 16 way manifold for 384 well plates

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