

The Fluido 2 microplate washer is ideal for both absorbance and luminescence based microplate assays. Ideal for busy laboratories running multiple microplate applications.

Biochrom® Anthos Fluido 2

Microplate Washer



Key Features

Effective

- <1 µL remaining in wells after wash (residual volume)
- Cross-wise aspiration is an option for complete well aspiration
- Manifold is used to probe the dimensions of the well for best results

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 16-channel manifold for 384-well plates.
- Easy plate setup and flexible software
- Automatic rinse to prevent clogging
- Wash without touching the well using automatic well depth detection and crosswise aspiration selectable functions
- Configurable to a range of microplate well types
- Three different rinse/prime methods

Quiet Operation

- Vacuum and pressure-free system with quiet pumps for a more peaceful lab.

Easy to Use

- Color coded tube fittings
- Manifold is used to probe the parameters of the wells of the microplate

Program Options

- Up to 8 cycles can be included 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

Safety Features

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

TECHNICAL DETAILS

Biochrom Anthos Fluido 2 Microplate Washer

Dispensed volumes	50 - 2000µL in 50µL increments (for 8 and 12-channel manifolds) 50 - 500µL in 25µL increments (for 16-channel manifold)
Dispensing precision	< 5% at 300µL across the plate (for 8 and 12-channel manifolds) < 5% at 100µL across the plate (for 16-channel manifold)
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 with standard ANSI SBS footprint 384-well plates with standard ANSI SBS footprint with 16-channel manifold (optional)
Power requirement	90 -130V, 180 -250 VAC (autosensing), 47/66Hz
Languages	English, German
Instrument dimensions (wxhxd)	28 cm x 22 cm x 42 cm (11" x 8.7" x 16.5")
Weight:	6.2 Kg (13.7lbs)

ORDERING INFORMATION:

80-4000-10	Biochrom Anthos Fluido 2 96 W2 Microplate Washer for 96-well Plates 2 liquid lines, 8-channel manifold and tubing, 1 wash bottles (2L), 1 rinse bottle (2L), 1 waste bottle (2.5L)
80-4000-11	Biochrom Anthos Fluido 2 96 W4 Microplate Washer for 96-well Plates 4 liquid lines, 8-channel manifold and tubing, 3 wash bottles (2L), 1 rinse bottle (2L), 1 waste bottle (2.5L)
80-4000-12	Biochrom Anthos Fluido 2 384 W2 Microplate Washer for 96- and 384-well Plates 2 liquid lines, 8-channel and 16-channel manifolds and tubing, 1 wash bottles (2L), 1 rinse bottle (2L), 1 waste bottle (2.5L)
80-4000-13	Biochrom Anthos Fluido 2 384 W4 Microplate Washer for 96- and 384-well Plates 4 liquid lines, 8-channel and 16-channel manifolds and tubing, 3 wash bottles (2L), 1 rinse bottle (2L), 1 waste bottle (2.5L)
Accessories	
SB021013000	16-Channel Manifold for 384-well plates
SB021011002	12-Channel Manifold for 96-well plates
SS028046	Atlantis Washer Maintenance kit , consisting of: 2 x T 2.5 A spare fuses, 2 cleaning needles, tubing sets for all bottles, cleaning tool for needles, tubing set for manifold, spare tubing set for manifold.
SB021080	Liquid Level Sensor

Distributors Worldwide



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