

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 μ L 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



Wolflabs

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk



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