## 3D-IW8, Inteliwasher

## DESCRIPTION

Inteliwasher 3D-IW8 series microplate washer is designed for washing various types of standard 96 -well microtitre plates, microstrips as well as microarrays on FastFRAME (rectangular well shape). It is suitable for washing wells with different bottom shapes: flat, U-shape and V-shape. The unit is fully programmable ensuring multi-step solution ripening, aspiration (aspiration, combination of aspiration/liquid dispensing and soaking, as well as soaking cycle during a particular period of time). Dispense system of liquid dosage for each channel separately.

The unit provides:

- Washing mode
- Rinsing mode
- Mixing mode
- Single point, two point, circular (circle or rectangular path) aspiration
- Possibility of additional solution mixing during time gap between two work cycles
- Possibility to use microtest plates by different manufacturers, ensured by automated plate set up (adjusting to different depths of plate wells)
- Round-bottom plate and strip washing mode
- Possibility of user-defined programs with adjustable parameters

The unit has 50 programs divided into 5 following aspiration categories (see figure rightward):

- Type 1 (1.0-1.9) IPF96 U/V is intended for round and V-shape immunoplates, 1 point aspiration.
- Type 2 (2.0-2.9) IPF96 FLAT-2 is intended for flat-bottom shape immunoplates, 2 point aspiration.
- Type 3 (3.0-3.9) IPF96 FLAT-C is intended for rectangular shape immunoplates, full-circle aspiration direction.
- Type 4 (4.0-4.9) FastFRAME-2 is intended for multi-slide plate* with rectangular wells.
- Type 5 (5.0-5.9) FastFRAME-C is intended for multi-slide* plate with rectangular wells.
*     - The FastFRAME (GVS Life Sciences) multi-slide plate or analog plate of another manufacturer, that is compatible with standard $25 \times 76 \mathrm{~mm}(1 \times 3$ inch $)$ glass slides.

The unit is designed for use in closed laboratory rooms at temperatures from $+10^{\circ} \mathrm{C}$ to $+35^{\circ} \mathrm{C}$ and relative humidity up to $80 \%$ at $+25^{\circ} \mathrm{C}$ decreasing linearly to $50 \%$ relative humidity at $35^{\circ} \mathrm{C}$.

4-channel washing solution weight logger, 4 CHW Logger provides automatic control of rinsing solution and waste volumes. The washer shows remaining volume for each bottle as percentage and gives a warning message in case of low solution volume or full waste bottle when 4 CHW Logger is connected.


- CAT. NUMBER

| BS-060102-AAI | $230 \mathrm{VAC} 50 / 60 \mathrm{~Hz}$ Euro plug |
| :--- | :--- |
| BS-060102-AAB | $230 \mathrm{VAC} 50 / 60 \mathrm{~Hz}$ UK plug |
| BS-060102-AA4 | $230 \mathrm{VAC} 50 / 60 \mathrm{~Hz}$ AU plug |
| BS-060102-AA | $100 \mathrm{VAC} 50 / 60 \mathrm{~Hz}$ US plug, 120VAC 60Hz US plug |
| BS-060102-BK | IQ 0Q document |
| BS-060102-CK | PQ document |




4 CHW Logger
BS-060102-AK

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