

IW-8, Intelispeed Washer



Intelispeed Washer IW-8 is designed for washing of standard flat-bottom 96 well plates and microstrips. 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).

The unit has 100 user-defined programs. Standard version is supplied with 8-channel washing head for dispensing/aspiration, 3 bottles for washing and rinsing solutions, a waste bottle and bottle with filter. Optional 4-channel washing solution weight logger, 4 CHW Logger is available.

The unit is designed for washing standard 96-well plates during analyses.

The unit provides:

- Washing mode
- Rinsing mode
- Mixing mode
- Double 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)
- Plate and strip washing mode
- User-defined programs with adjustable parameters
- Saving work programs

Catalogue number:

IW-8	BS-060106-AAI
4CHW Logger	BS-060102-AK





Optional 4-channel washing solution weight logger, 4CHW Logger

4 CHW Logger Specifications:

Max. loading per scale cup	2 kg
Plate dimensions	267×252×97 mm
Weight, not more	3 kg

Specifications:

Choice of 3 washing liquid bottles	
Minimum dispense volume	25 mkl
Maximum dispense volume	1600 mkl
Dispense increment	25 mkl
Dispensing accuracy	±2.5%
Allowed residual liquid volume in plate well	no more than 2 mkl
Number of wells washed simultaneously	8
Number of washing cycles for each channel	1 – 15
Aspiration time	0.2 – 3 sec
Aspiration/dispensing speed	3 levels
Max. number of channels in a program	2
Soaking time	0 – 300 sec (increment 10)
Shaking time	0 – 150 (increment 5)
Number of washed rows	1 – 12
Time of plate single wash (350 mkl), no more	45 sec
Number of programs	100
Plate platform and washing head movement	automated
Indication of operation modes	8-line LCD
Dimensions (W×D×H)	375×345×180 mm
Weight with accessories, not more than (external power supply, bottles, tubes, washing head, plate platform and cover)	11 kg
External power supply	DC 12 V, 5 A
Consumed power, not more	60 W

The unit is designed for use in closed laboratory rooms at temperatures from +10 to +35°C and relative humidity up to 80% at +25°C decreasing linearly to 50% relative humidity at 35°C