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IW-8, Intelispeed washer

Premium Product Class

DESCRIPTION

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

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

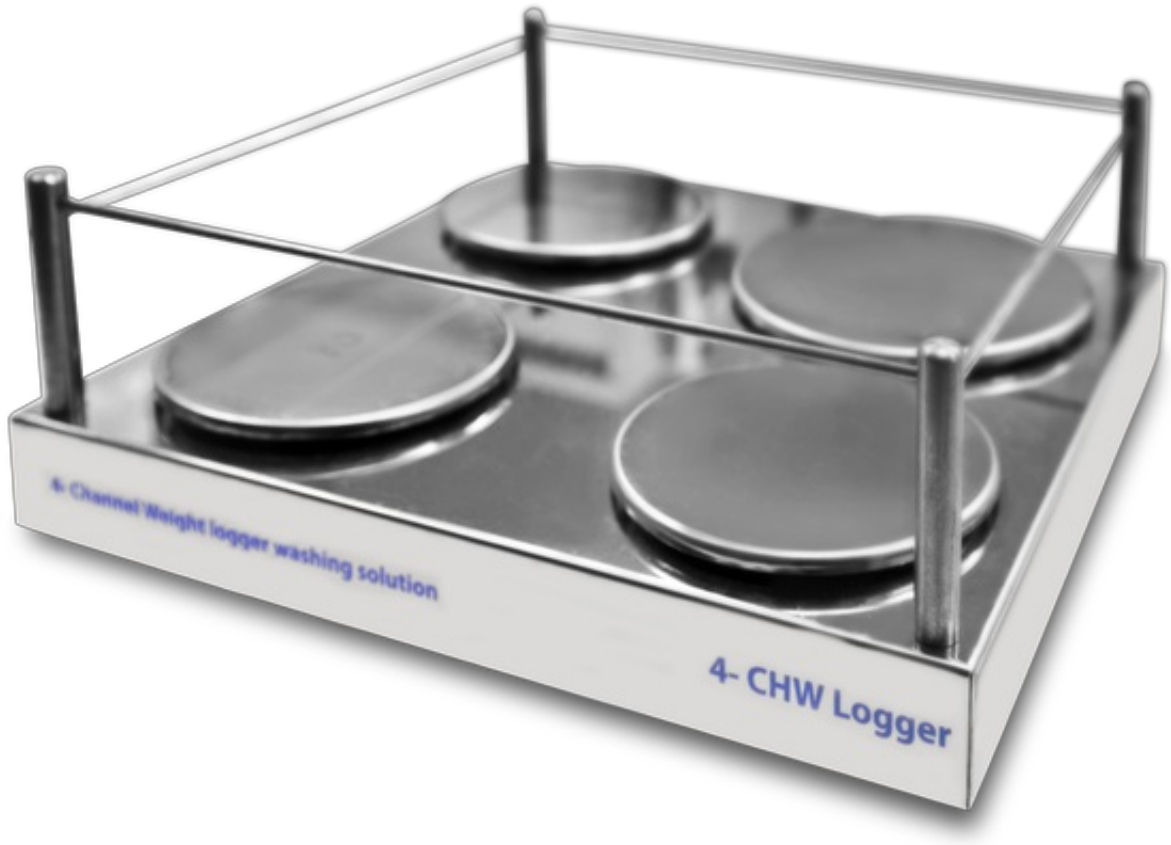
4-channel washing solution weight logger, **4 CHW Logger** provides automatic control of rinsing solution and waste volumes. The washer shows remaining volume for each bottle as percentage and gives a warning message in case of low solution volume or full waste bottle when **4 CHW Logger** is connected.

CAT. NUMBER

BS-060106-AAI	230VAC 50/60Hz Euro plug
BS-060106-AAB	230VAC 50/60Hz UK plug
BS-060106-AA4	230VAC 50/60Hz AU plug
BS-060106-AAJ	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
Russian language interface	Russian language interface
BS-060106-A02	230VAC 50/60Hz Euro plug
BS-060106-AK	IQ OQ document
BS-060106-BK	PQ document

SPECIFICATIONS

Minimum dispense volume	25 µl
Maximum dispense volume	1600 µl
Dispense increment	25 µl
Dispensing accuracy	±2.5%
Allowed residual liquid volume in plate well	not more than 2 µl
Number of wells washed simultaneously	8
Number of washing cycles	1–15
Aspiration time	0.2–3 s
Aspiration/dispensing speed	3 levels
Max. number of channels in a program	2
Choice of 3 washing liquid bottles	+
Soaking time	0–300 s (increment 10 s)
Shaking time	0–150 s (increment 5 s)
Time of plate single wash (350 µl), not more	45 s
Number of washed rows	1 – 12
Number of programs	101
Plate platform and washing head movement	automated
Indication of operation modes	LCD, 8-line
Overall dimensions (W×D×H)	375 x 345 x 180 mm
Weight	9.6 kg
Input current/power consumption	12 V DC, 1.8 A / 22 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V



4 CHW Logger
BS-060102-AK

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 ...

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