

# IW-8, Intelispeed Washer



4 CHW Logger

IW-8



## 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



### ORDERING INFORMATION:

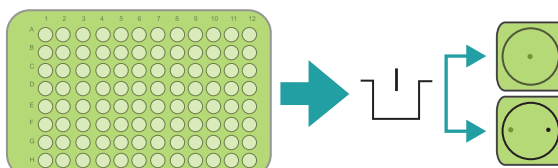
Cat. number

**IW-8**

BS-060106-AAI

**4 CHW Logger**

BS-060102-AK



## IW-8, Intelispeed Washer



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.

### 4 CHW LOGGER SPECIFICATIONS:

Max. loading per scale cup	2 kg
Dimensions	267 × 252 × 97 mm
Weight	3 kg

Choice of 3 washing liquid bottles	
Minimum dispense volume	25 µl
Maximum dispense volume	1,600 µl
Dispense increment	25 µl
Dispensing accuracy	±2.5%
Allowed residual liquid volume not more than 2 µl in plate well	
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 sec)
Shaking time	0–150 sec (increment 5 sec)
Number of washed rows	1–12
Time of plate single wash (350 µl), not more	45 sec
Number of programs	101
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	9.6 kg
External power supply	DC 12 V, 5 A
Consumed power	22 W

The unit is designed for use in closed laboratory rooms at temperatures from +4 to +40°C and relative humidity up to 80% at +31°C decreasing linearly to 50% relative humidity at 40°C