

LMW-31 / LMW-11

Microplate Washer

LMW-31 and LMW-11 are our latest washer models.

Besides precise and easy operation this line offers features as standard, that you would expect with other washers at additional price only:

- 3 wash liquids & 1 rinse liquid standard on LMW 31/31i
- 2 plates incubation chamber (LMW 31i)
- 1 wash & 1 rinse liquid standard on LMW 11
- 8 channel washhead standard (12 channel optional)
- Aerosole cover ... standard
- Liquid level detection ... standard
- Large graphical LCD display ... standard



Key features:

- User friendly operation system with large LCD display.
- Washes flat, U and V-bottom strips and plates.
- 12-way or 8-way manifold, automatic and manual positioning.
- Large memory, up to 100 wash protocols can be programmed.
- Multi-channel, 1 or up to 3 for wash, 1 for rinse and 1 for waste.
- Plate shaking function, time and speed are adjustable.
- Two 96-well plate incubation positions (LMW 31i).
- Liquid level detection and alert function.
- Easy maintenance.

Specifications	LMW-31 / LMW-31i / LMW-11
Washhead:	8x (standard) or 12x (optional)
Platetypes:	96 or 48 well plates / strips, flat, round or V bottom
Liquid channels:	LMW-31 / 31i: 4 channels (3 wash, 1 rinse) LMW-11: 2 channels (1 wash, 1 rinse)
Incubation:	2 incubation positions on LMW-31i
Aerosol cover:	yes
Programs:	up to 100
Washvolume:	10 - 3000 µl / well (in 1µl steps)
Washing Speed:	appr. 1 minute for one washing cycle (aspirate - add 300µl/well - aspirate)
Nr. of Cycles:	up to 99 per program
Residual Volume:	<1µl / well
Shaking:	0 - 24 hrs
Computer Interface:	RS 232 serial interface
Dimensions / weight:	45cm x 39cm x 19cm (W x D x H), 13 kg net
Power Supply:	100/240V (±10%), 50-60 Hz