

labodam



# MICROPLATE WASHER

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# MICROPLATE WASHER

## Microplate washer LMPW-A20

Microplate washer LMPW-A20 is a compact, efficient, reliable and user-friendly microplate-strip washer. Compatible for Flat, U or V-bottom, it provides complete bottom washing and includes 8 and 12 manifold channels. In addition it is provided with wash, rinse, buffer and wash bottle to make getting started simpler.

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### Features

- Large LCD display
  - Convenient to use menu design
  - 1 wash, rinse, buffer and waste bottle included
  - Applicable for plate mode or strip mode washing
  - Compatible for Flat, V-bottom or U-bottom microplate or strip
  - Provides complete bottom washing
  - Includes 8 or 12 manifold channels
  - Equipped with dipping and shaking function
  - Automatic monitoring of vacuum and pressure
  - Automatic rinse cycle to reduce clogging
  - Low residual volume
  - Adjustable dipping and shaking time
  - Emergency stop available
  - Large memory to store up to 48 user programmed wash protocols
  - Compact and portable to use
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### Applications

It is particularly used for Enzyme Linked Immuno Sorbent Assay (ELISA). They are also employed used to wash cell cultures, protein arrays, Western blots and beads as well as applied in DNA purification protocols.

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## Specifications

Model no.	LMPW-A20
Input	8 key membrane keyboard
Display	High brightness LCD display screen
Operating environment	Temperature-5°C-40°C, maximum humidity-80%
Wash mode	Plat mode and strip mode
Wash strips	1-12 adjustable
Washing heads	1 x 8 / 1 x 12
Plate type	Flat, U-bottom, V-bottom
Residual volume	≤ 1μL/well
Washing volume	50-3000μL/well
Washing times	0-99 times adjustable
Dipping time	0-3600 sec. adjustable
Shaking time	0-600 sec. adjustable
Sipping time	0.1-9.9 sec.
Storage capacity	Up to 48 user defined wash board procedures
Power supply	198-242 V, 49-51 Hz
Dispense precision	CV ≤ 2%
Dimensions (LxWxH)	448x382x163 mm
Net weight	11 kg
Gross weight	13 kg



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