

# Drop



## Quality Microplate Washer



**Next Level s.r.l.**

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Calenzano (FI) **ITALIA**



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## TECHNICAL SPECIFICATIONS

In the ELISA test preparation process, DROP is the indispensable instrument for the automated washing of either 48 or 96 wells microplate.

Provided with two different manifold, either with 8 or 12 needles, an horizontal or vertical microplate washing can be chosen.

The instrument is totally flexible and easily programmable by the operator, by directly inserting data through the keyboard, showed on the liquid crystal display, with a wide range of option: number of washing cycles, number of washings per cycle, buffer solution volume, time and method of washing (per strip or per plate), soaking time.

Amixing option is also selectable, with different mixing speed. The instrument is directly connected to the silicone treated glass bottles containing solution and buffer and with the waste tank.

During the washing operation the microplate is automatically transferred inside the instrument, thus protecting the operator against the possible high biological risk manipulation.

PROGRAMMABLE METHODS:	up to 99 methods different in times and volumes of washing liquids
SOAK TIME:	5s-1200s, adjustable with 5 s step interval
RESIDUAL VOLUME OF WASHING SOLUTION:	less than 1 µl per well
WASHING TIMES:	1-20 option times - according to different needs
WASHING ROW:	1-20 option row - according to different needs
MODEL OF MICRO PLATE APPLICABLE:	either 48-well or 96-well micro plate
OPERATING CONDITIONS	
TEMPERATURE:	10 - 40°C
RELATIVE HUMIDITY:	≤80%
ATMOSPHERIC PRESSURE:	860hPa-1060hPa ( 84.86kPa-104-6kPa)
ALTITUDE:	<2000 mt in working conditions
GENERAL CHARACTERISTICS	
CONSUMPTION:	100 VA
SONIC PRESSURE:	<85 dBA
SAFETY:	73/23 CEE and 96/68 CEE Directive
ELECTROMAGNETIC COMPATIBILITY:	89/336 CEE Directive
IN VITRO DIAGNOSTIC:	98/79/CE Directive
POWER SUPPLY:	20 VAC, 50 Hz
DIMENSIONS:	L. 40 cm x W. 37 cm x H. 17cm
WEIGHT:	10 Kg

The Company reserves the right to change any technical feature of the instrument at any time, if needed.



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