



Answering your daily challenges
in the laboratory

ELx50™ Microplate Strip Washer



INFECTIOUS DISEASES

 **Biokit**
A Werfen Company

bioelisa

ELx50™ Microplate Strip Washer

As a self-contained and programmable instrument, the ELx50™ Washer allows for full control of precise fluid delivery from the gentle dripping of a simple squeeze bottle to the full force of pressure delivery systems. The ELx50 is a flexible and modular design providing 96 well strip or plate washing capabilities unsurpassed in its class. ELx50™ allows the selection of washing programs by plate or strip.

Easy programming: On board software same format as ELx800.

Programmable aspiration time and final extra aspiration.

Wash options: Shaking, soaking, dispensing speed, crosswise aspiration and bottom wash features.

Software available in different languages.

As a welcome upgrade from manual processing, the ELx50 Microplate Strip Washer will bring to your lab an all-inclusive wash solution offering consistent performance and unattended operation.

System Specifications

Manual tests	Assays	ELISA
	Manifold types	96-well washing: 8-tube(1x8) manifold
	Microplate types	96 wells
	Onboard software	Create, edit or run multiple protocols
Wash	Washing speed	Solid bottom plates: 3 asp./disp. cycles: 300 µL/well, 96 wells, 8-tube manifold, final aspirate: ≤130 seconds One positive displacement syringe drive
	Fluid delivery	Selectable vacuum levels (final at 30 seconds):
	Vacuum filtration	0.45 µm 96-well plates: Low: -91 mmHg Medium: -150 mmHg High: -313 mmHg Vacuum filtration time range: 1 – 180 seconds
	Volume range	25 – 3,000 µL/well (model dependent)
	Buffer selection	Automatic switching for up to 3 wash buffers
	Wash cycles	1-10
	Dispense precision	≤3% CV
	Residual volume	Solid bottom plates: ≤2 µL/well
	Shaking	Programmable in minutes and seconds up to 60 minutes Intensities – slow, medium, fast or variable
	Soak time	Programmable in minutes and seconds up to 60 minutes
Physical	Power	100 – 240 Volts AC 50/60 Hz
	Dimensions	14"W x 16"D x 6.5"H (35.6 x 40.6 x 16.5 cm)
	Weight	22 lbs (9.8 kg)
Regulatory	For In Vitro Diagnostic use	

Main features

Washes 96 well microplates ELISAs and cell-based assays	Automatic switching for up to three wash buffers Automated liquid level sensing
Syringe drive fluid delivery system for precise control over all fluid flow rates	Programmable shaking duration and intensity
Comprehensive onboard software makes programming quick and easy	Integrated carrier priming trough for effortless setup

Ordering Information

bioelisa washer ELx50 Ref.3710-0234



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