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Product Name :

ELISA Washer 8 Channel

Product Code :

SLE/CL/72



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Description :

ELISA Washer 8 Channel (Product Code: SLE/CL/72) is an automatic bench-top washer that aspirates and dispenses wash solution across microplates or strips during ELISA (Enzyme-Linked Immunosorbent Assay) testing. Its 8-channel strip manifold works on eight wells per pass, a built-in vacuum and pressure pump drives the fluidics, and up to 75 wash protocols can be stored for different kits. Serology and immunology laboratories, blood banks, hospital diagnostic departments and research groups use it to replace tedious and variable hand washing. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory analytical instruments supplier serving India and international markets.

Specifications

Parameter	Detail
Type	Micro-plate or strip washer for ELISA
Platform	Bench-top, open and automatic system
Manifold	8-channel strip manifold
Plate types	Flat, round, U or V-shaped bottom plates
Protocols	75 user-definable protocols
Programmableparameters	16-character assay name, number of cycles, wash volume, flow rate, variable soak times, aspiration and dispensing
Wash cycles	1 to 10
Dispensing volume	25 to 3000ul
Fluid flow rate	150 to 1000ul/well/second, to accommodate cellular assays
Soak time	1-600 seconds
Aspiration	Crosswise/double aspiration of flat-bottom micro-plates for reduced residual liquid
Pump	Built-in vacuum and pressure pump assembly
Bottles	For waste, rinse and wash solutions
Protection	Spill-over protection; electronics isolated from fluidics
Operating conditions	Humidity up to 70%; operating temperature 15°C to 40°C
Power requirements	220V/50Hz, with voltage surge protection
Included	Dust cover

Typical Use

Every ELISA has several points where unbound sample, conjugate or substrate must be removed from the wells before the next reagent goes in, and incomplete washing is a leading cause of high backg say name numb