

# SMART WASH

SM3

## Precision cleaning for a seamless lab experience.

Smart Wash SM3 high-flow circulation pump, adjustable up to 900 liters per minute, ensuring optimal efficiency. The Glasswasher accommodates 3-4 rack levels with a 475-liter volume for maximum productivity. User-friendly Multi Microprocessor Controls with self-diagnostic software guarantee easy operation. The 7-inch Full Color OLED display, equipped with touch screen functionality, provides real-time alerts. Store up to 30 standard programs and customize 120 more for tailored operation. Experience peak performance with our cutting-edge equipment.



# Applications:



ENVIRONMENTAL  
TESTING



AGROCHEMICAL  
& CHEMICAL  
INDUSTRIES



FOOD &  
BEVERAGE



PHARMACEUTICAL  
& LIFE SCIENCES



FORENSIC SCIENCE  
& CLINICAL  
LABORATORY



PETROLEUM &  
PETROCHEMICALS  
INDUSTRY

## KEY SPECIFICATIONS:

- **High Flow Circulation pump** with adjustable FlowRate up to **900L/min.**
- Glasswasher Volume 475 Litre with 3 - 4 rack level.
- Easy to use Multi microprocessor controls with self diagnostic software and alarms on display with buzzer.
- **7" Full Color Large OLED display with Touch Screen**, easy to read text on display for hassle - free operation
- **Program Storage - 30 Standard & 120 customizable program.**
- **Program protected by 3 level password** protection with **Fingerprint recognition facility.**
- Built-in Water heater for cleaning temperature up to 95°C
- SS316L stainless steel Washing Chamber, Spray arms & Tank filters
- SS304 stainless steel external panels
- Built-in Detergent storage chamber.
- 2 peristaltic pump is available in system for Detergent dosing with level sensors.
- High visibility large perspective glass window on door with integrated light control in chamber.
- Automatic electronic door locking technology.
- **Built-in HEPA filter** ensures the reliable removal of particles from the air taken in for drying.
- PT Temperature Sensor is inbuilt with 0.1°C accuracy.
- Front Opening Door for easy loading of Glassware
- Leakage & over temperature protection.
- Interchangeable Baskets with Top/Middle Rack
- Sensing function saves water and detergents
- Multi-stage filtration system is highly efficient in removing particulate from water in circulation.
- Power-Off Memory Function can continue wash cycle
- Automatic Sleep and manual wakeup function.
- Steam Condenser for water vapour reduction.
- Electronically controlled water inlets Hot/Cold water and Pure water for Washing, Rinsing and Steam condenser
- **Built-in Drain Pump for draining the water.**
- Conductivity monitoring (Optional) for ensuring quality cleaning.
- Water Softener system (Optional) available
- Cleaning Cycle and Audit trail data save to SD card
- **Two Sprayer for internal & external Glassware cleaning.**
- **Built-in forced hot air drying thru Nozzles**
- Maximum glassware load can occupy in single run which saves time, storage space & costs.
- RS232 port for connecting to a printer or PC.
- Electronic voltage power:  
3P/N 400V-50HZ/10KW
- Dimension :-Outside (HWD) 1650\*757\*670mm

# Washing Frames / Modules / Baskets



**LSC-41LF - Lower cleaning Trolley/chassis**  
Without spray arm, place the module cleaning basket



**LSC-81UF - Upper/middle cleaning chassis**  
Without spray arm, place the module cleaning basket



**LPT-08 - Spray Injection Module 8 positions**  
For: 950 - 2000ml blue cap bottle, Erlenmeyer flask, Volumetric flask, Conical flask, etc. Equipped with three-petal flower basket bottle holder of stainless steel and cross bottle holder



**LPT-21 Spray Injection Module 21 positions**  
For: 50 - 250ml Erlenmeyer flask, Volumetric flask, Bottles, Cylinders Equipped with three-petal flower basket bottle holder of stainless steel and cross bottle holder



**LPT-33 Spray Injection Module 33 positions**  
For: 50 - 250ml Erlenmeyer flask, Volumetric flask, Bottles, Cylinders Equipped with 1x three-petal flower basket bottle holder of stainless steel and cross bottle holder



**LSP-126-ST - Injection module 126 positions**  
For cleaning 10 - 25ml test tubes, Colorimetric tubes, Centrifuge tubes, etc. Equipped with cross bottle holder



**LPT-66FT - Spray Injection Module 66 positions**  
For: 20 - 50ml Erlenmeyer flask, Volumetric flask, Conical flask, Measuring cylinders, Equipped with 3x three-petal flower basket bottle holder of stainless steel and cross bottle holder



**LSMX-18-1 Hybrid module 48 positions**  
For cleaning 24 pipettes and 24 of 300ml volumetric flask, bottles and Measuring cylinder and so on.



**ESP-150H - Injection module 150 positions**  
For cleaning of 2.5 - 2ml Chromatography injection bottle



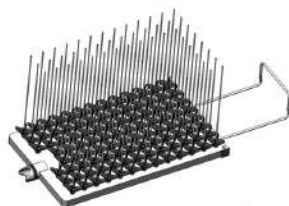
**LK-225 - Half Cleaning Basket**  
For Funnel, Beaker, Jar, glass rods, bottle caps



**K-01 16 Fan-shaped test tube cleaning frame module with net**  
For cleaning of 10 - 30ml test tubes, centrifuge tubes, etc.



**LK-69D - Half Cleaning Basket 40 positions**  
For cleaning of Petri dish with a diameter of 60 - 150mm Each module can wash 80 petri dishes of 90mm



**LSP-102-4N Spray Injection module - 102 positions**  
For cleaning of 50mm NMR tubes. Equipped with cross bottle holder

**OTHER  
TROLLEYS  
& BASKETS  
ALSO  
AVAILABLE**

# LABINDIA

A N A L Y T I C A L

WHERE COMMITMENT IS CULTURE

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