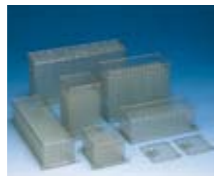


## • Accessories



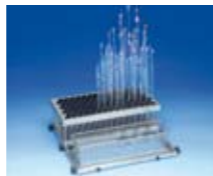
PS STANDARD BASKET



ST, LT BASKETS FOR TUBES AND SMALL MATERIALS



BP RACK FOR PETRI DISHES



116 PPI RACK FOR PIPETTES



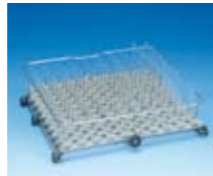
20 IXL RACK LONG INJECTORS



36 IXLC RACK SHORT AND LONG INJECTORS



48 IXC RACK SHORT INJECTORS



100 IXA RACK SHORT 2 MM INJECTORS

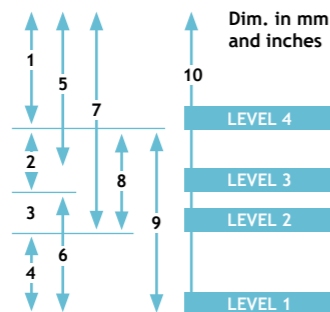
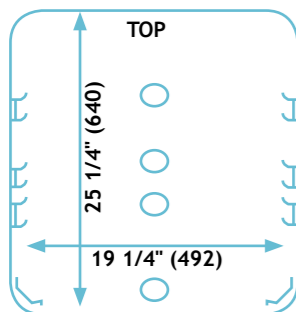


PS/27 IXLC MIXED RACK



27 IXC 1/2 HALF-RACK SHORT INJECTORS

### CHAMBER VIEW - AVAILABLE BASKET HEIGHTS



Dim. in mm and inches	PST	PSBT	IXL	IXC	PST	PSBT	IXL	IXC
1		145	180	196	6	240	180	
2					7	335	370	
3					8	75		126
4	170			126	9	360	300	
5		265	300		10	620	560	

PST : Basic Basket  
PSBT : Basic Basket with Spray Arm  
IXL : Injection rack Long Injectors  
IXC : Injection rack with Short Injectors

## • Technical data & utilities

OVERALL DIMENSIONS	1628 x 604 x 736 (h x w x d) (mm) 64 x 23.75 x 29 (h x w x d) (inch)	TOTAL ELECTRICAL POWER	10 Kw
CHAMBER DIMENSIONS	644 x 535 x 510 (h x w x d) (mm) 25.35 x 21.00 x 20.00 (h x w x d) (inch)	DRAINAGE	Waste pipe diam. 40 with siphon, 800 - 1000 mm from the floor
WASHING LEVELS	1,2 or 3 with upper level adjustable in height	VOLTAGE	230 V x 3 / 400 V x 3 + N, 50 Hz 208 V x 3 / 208 V x 2, 60 Hz (other electrical supplies available on request)
WATER CONSUMPTION (approximate per operation, according to the basket used)	14 to 16 l	NET WEIGHT	145 Kg
RECIRCULATION PUMP (flow rate)	420l/min	HEAT LOSS	770 Kcal/h - 3050 BTU/h
HEATING	9 Kw	NOISE LEVEL	≤ 63 dBa
DRYING	1,8 Kw	WATER SUPPLY	Diam. 20/27 • Cold Water 20l/min • Hot Water 2-6 bars • Ro Water

### OPTIONAL FEATURES

- **Drain discharge cooldown:** cooling of effluent to < 60°C.
- **Low pressure valve+pump for purified water:** guarantees proper water pressure for purified water supply.
- **Emergency stop button:** located on the exterior of the washer, shuts off all power.
- **Gravity drop drain:** pneumatic valve discharges waste water to floor level drain.
- **pH neutralization:** automatically adds a base or acid solution to neutralize the discharge.
- **External printer (via RS-232 connection):** supplies a printed ticket with all cycle data.
- **Steam condenser:** eliminates vapor and steam when chamber temperature exceeds 50°C. Vapor and steam are condensed and sent to drain.
- **Pre-IQ/OQ protocol :** additional IQ/OQ testing is performed at the factory, documentation is supplied enabling complete on-site IQ/OQ.
- **1 additional pump** with its level sensor.
- **Steam heat**

# Labexia 1300 LX



Injector drying technology is now standard

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 **LANCER**  
advanced washing  
& disinfection solutions

## • HEPA filtered Injector Drying System



### Complete and rapid drying of glassware:

\*Exterior: chamber drying by hot air injection circulated throughout chamber

\*Interior: air is directed into hydraulic circuit and glassware through injectors

Built-in drying system eliminates the need for a separate drying oven and avoids double handling of glassware and all the related risks.

The glassware is ready to use at the end of the cycle.

HEPA H13 (EN 1822) filtration system guarantees the quality of the drying air

## • Friendly Microprocessor control



Up to 42 easy-to-select standard washing programs for many applications including: chemistry glassware, bacteriology/virology (high temperature), stubborn stains (agar), volumetric glassware (low-temp) and others.

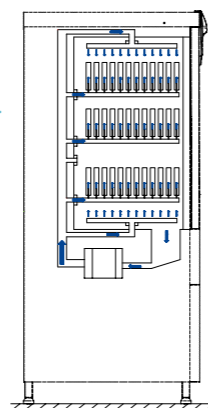
4 programs are factory pre-set, 38 programs are user-customized.

**Adjustable parameters:** up to 53 different parameters can be easily adjusted including program phases, temperature and time of each phase, cleaning chemical dosing, and drying temperature (password-protected access).

**Self-diagnostic program,** with visual and audible alarms, alerts the user in the event of a malfunction enabling quick troubleshooting and maintenance.

## • Powerful Hydraulic Circuit

The unique mechanical washing design ensures efficient washing on all levels. Water circulates at full pressure throughout all glassware, due to **direct injection at each washing level**. Stainless steel washing arms located at the top and bottom of the chamber ensure thorough washing of external glassware surfaces.



## • Automatic dosing chemicals

Two peristaltic pumps automatically dose liquid detergents and neutralizers during the cycle. The chemical intake time is preset, and user adjustable.

Chemical products are thus maximized, and the handling dangers due to the use of powder detergents are eliminated.

Automatic liquid level detectors are provided for each chemical container.



## • Multiple loading configurations for extreme flexibility

### Three independent washing levels:

LANCER accessories are individually connected allowing the use of a wide range of baskets and racks. Racks and baskets are interchangeable between levels allowing chamber configuration to be adapted according to the items being washed and dried.

### Adjustable heights:

the upper level can be placed at two different positions depending on the height of the glassware to be loaded. If you already own a LANCER washer, you will be able to use the same baskets from the 810 LX model to the 1300 LX.



Configuration 1



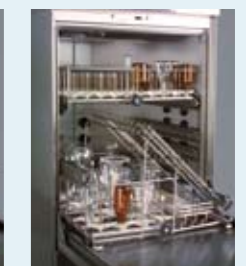
Configuration 2



Configuration 3



Configuration 4



Configuration 5

## • Loading has never been so easy !

The doors opens at waist height for a **more convenient loading** of racks and baskets.

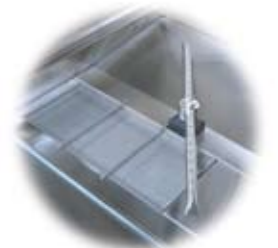
### Telescopic rails:

Rails are fully load bearing in the extended position allowing the operator to easily load and unload the washer.



## • Strong and effective Design

Durable & reliable design, for professional use : chamber and door made of AISI-316L stainless steel. Exterior panels are made of AISI-304L stainless steel. Insulated, double wall construction provides thermal and sound protection.



## • Wide range of accessories

If your lab needs higher throughput, the 1300 LX will easily adapt to your needs, as a myriad of accessories will enable you to wash on three independent levels, wash pipettes, volumetric flasks, etc. LANCER has the optional accessory for your application.

