

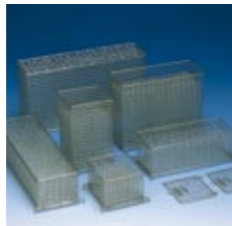
## TECHNICAL DATA & UTILITIES

<b>OVERALL DIMENSIONS</b>	(h x w x d) (mm) (h x w x d) (inch.)	845 x 600 x 700 33,26" x 23,62" x 27,55"	<b>TENSION</b> (EU / USA)	230 V x 3 / 400 V x 3 + N, 50 Hz 208 V x 3 / 208 V x 2, 60 Hz <i>(other electrical supplies available on request)</i>	
<b>CHAMBER DIMENSIONS</b>	(h x w x d) (mm) (h x w x d) (inch.)	508 x 535 x 510 20" x 21,06" x 20,07"	<b>NET WEIGHT</b>	85 kg	
<b>WASHING LEVELS</b>		2 Independent	<b>HEAT LOSS</b>	600 Kcal/h - 2380 BTU/h	
<b>WATER CONSUMPTION</b> (approximate per operation, according to the baskets used)		12 l	<b>NOISE LEVEL</b>	≤ 63 dBa	
<b>RECIRCULATING PUMP</b> (Flow rate)		350 l/min	<b>WATER SUPPLY</b> (water softener included) :	Diam. 20/27 mm 20 l/min 2-6 bars	
<b>HEATING</b> (Hot water)		6 kW			· Cold water
<b>TOTAL ELECTRIC POWER</b>		7 kW			· Hot water
<b>DRAINAGE</b>		Waste pipe diam. 40 mm with siphon, 500 - 700 mm from the floor			· Ro water

## 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



# Labexia 810 LX

## Undercounter Laboratory Glassware Washer



*A big washer for small spaces!*

Rivière&Co RCS Toulouse B 418 451 583



## FRIENDLY MICROPROCESSOR CONTROL

Easy selection of 4 standard washing programs, for chemistry glassware, bacteriology/virology (high temperature), heavily soiled glassware (i.e. agar) and volumetric flasks.

**Adjustable parameters:** program phases, temperature, phase time, chemical intake time... can be easily modified by the user (password protection).

**Self diagnostic alarms:** the microprocessor constantly checks for critical parameters and the source of alarms is indicated on display in case of anomalies.



## LOADING HAS NEVER BEEN SO EASY!



**Two independent washing levels:** LANCER unique chamber design allows automatic connection of independent loading accessories (basic baskets, injector baskets,...). Racks are interchangeable among levels thus allowing the glassware to determine the load positions. If you already own a LANCER washer, you will be able to use the same baskets.

**Telescopic rails:** Rails are full load bearing in the extended position allowing the operator ease of use to load and unload the washer.

## CUSTOMISED OPTIONS



**Condenser option** will prevent condensation from the exhaust of the washer from damaging the surrounding lab casework when installing the machine in undercounter position. It will also aid in extracting residual moisture from the glassware thus decreasing drying times.

**Plinth option** will raise the loading level of the 810LX at 750 mm (29,52") and will allow to fit 2 chemical containers under the chamber.

**Door lock option** will prevent the door to be opened during operation.

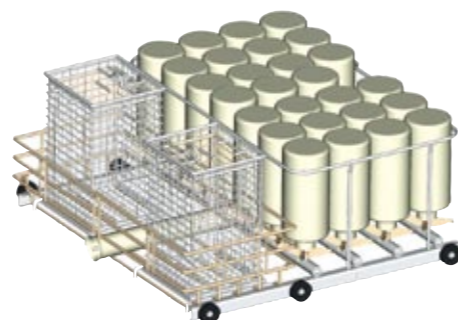
**Drain temperature cool down option** will cool down the waste water under 60°C (140°F).

## MULTIPLE LOADING ACCESSORIES

**Starter kit:** we have designed a versatile accessory with direct injectors (PS/27IXLC) that will enable washing of all the glassware in the same batch (up to 27 narrow-neck bottles, open-mouthed glassware and test tubes), thus reducing the number of washing cycles.



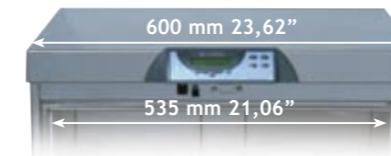
**Wide range of accessories:** if your lab needs a higher throughput, the Labexia 810LX will easily adapt to your needs, as a myriad of accessories will enable you to work in two independent levels, wash pipettes, volumetric flasks, etc. LANCER has the best accessory for your application.



## REDUCED DIMENSIONS

**Undercounter model,** fits in the same place as a domestic dishwasher, but with professional features!

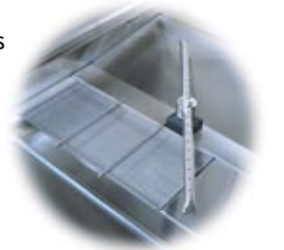
**External dimensions (h x w x d):**  
845 x 600 x 700 mm (33,26" x 23,62" x 27,55")



## STRONG AND EFFECTIVE DESIGN

**Superior construction materials:** Chamber, door and frame, made of AISI-304L stainless steel. In the 810 LX side, rear and top 304L stainless steel panels are standard, thus it can be used as a self-standing unit without options.

**Easy installation.** The stainless steel side and rear panels are pre-cut, thus permitting utility connections (water, electricity, drainage) from the left, right, or rear.

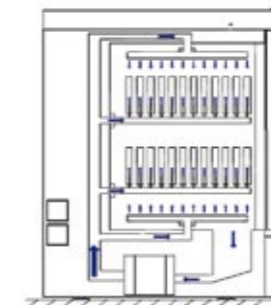


## POWERFUL HYDRAULIC CIRCUIT

**The design of the hydraulic circuit** is important to guarantee the mechanical washing power when washing in multiple levels. LANCER washers and accessories are designed in such way that the water flows very easily into the glassware, as the water injection is done directly at each level.

350 l/min. recirculating pump, protected from obstructions by a multiple filter system, ensures a powerful water flow.

**Stainless steel top and bottom washing arms** ensure the cleanliness of the external surfaces of the glassware.



## LANCER'S STRENGTHS



**Proven know-how:** As the leader in critical washing in the pharmaceutical field (cGMP), LANCER supplies the research and production units of the largest pharmaceutical groups in the world. It is with this same

expertise that we have developed our range of LABEXIA washers for laboratories.

LANCER offers the widest range on the market, with a vast choice of washers and accessories from underbench washers to large custom-built industrial machines.



## AUTOMATIC DOSING OF CHEMICALS

**Two peristaltic pumps** automatically dose the liquid detergents and neutralisers 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 disappears.



As an option, an automatic liquid level detector is provided for two chemical containers.