

Labexia 820 LX

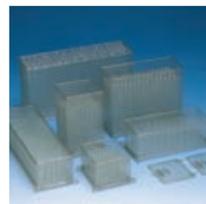
Undercounter Laboratory Glassware Washer Dryer

TECHNICAL DATA & UTILITIES				
OVERALL DIMENSIONS	(h x w x d) (mm) (h x w x d) (inch.)	845 x 900 x 700 33,26" x 35,43" x 27,55"	DRAINAGE	Waste pipe diam. 40 mm with siphon, 500 - 700 mm from the floor
CHAMBER DIMENSIONS	(h x w x d) (mm) (h x w x d) (inch.)	508 x 535 x 510 20" x 21,06" x 20,07"	TENSION (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>
WASHING LEVELS		2 Independent	NET WEIGHT	115 kg
WATER CONSUMPTION (approximate per operation, according to the baskets used)		12 l	HEAT LOSS	770 Kcal/h - 3054 BTU/h
RECIRCULATING PUMP (Flow rate)		350 l/min	NOISE LEVEL	≤ 65 dBa
HEATING (Hot water)		6 kW	WATER SUPPLY (water softener included) : · Cold water · Hot water · Ro water	Diam. 20/27, 20 l/min 2-6 bars
DRYING		1,8 kW		
TOTAL ELECTRICAL POWER		7 kW		

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

Many other accessories are available. Please contact our Sales Department.

LANCER INDUSTRIE
30 bd. de l'Industrie - Z.I. Pahin
31170 Tournefeuille - FRANCE
Tél. +33 (0)5 61 15 11 11
Fax : +33 (0)5 61 15 16 16
lancersite@lancer.fr - www.lancer.fr

LANCER USA INC.
3543 State Rd 419
Winter Springs, FL 32708 USA
Tél. +1 407 327 8488
Fax : +1 407 327 1229
sales@lancer.com - www.lancer.com

LANCER UK LTD.
1 Pembroke Avenue Waterbeach
Cambridge CB5 9QP - UK
Tél. +44 (0)1 223 861 665
Fax : +44 (0)1 223 861 990
sales@lancer.co.uk - www.lancer.co.uk



A big washer for small spaces!

 **LANCER**
MEMBER OF THE GETINGE GROUP

FRIENDLY MICROPROCESSOR CONTROL

Easy selection of 6 standard washing programs, for chemistry glassware, bacteriology/virology (high temperature), heavily soiled glassware (i.e. agar) and volumetric flasks, plus two free additional programs.

Adjustable parameters: program phases, temperature, phase time, chemical intake time, drying temperature... 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.

Plinth option will raise the loading level of the 820LX at 750 mm. (29,52") and will allow extra storage space under the chamber.

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

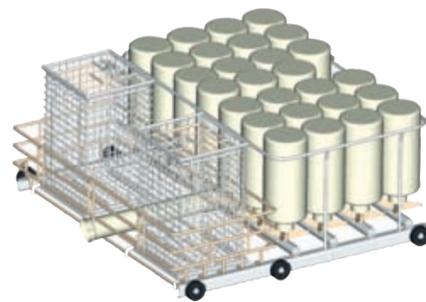
Drain temperature cool down option will cool down the waste water under 60°C (140°F).

MULTIPLE LOADING ACCESSORIES

Starter kit: we have designed a versatile accessory with direct injectors (PS/271XLC) 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 820LX 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.



INJECTOR DRYING SYSTEM WITH HEPA FILTER



Complete and rapid drying of the glassware:

- **outside:** chamber drying by hot air injection through the washing arms.
- **inside:** the air is directed into the hydraulic circuit and reaches the inside of the glassware through the injectors.

The 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 after the opening of the door.

A HEPA filtration system is fitted to this model to guarantee the quality of the drying air.

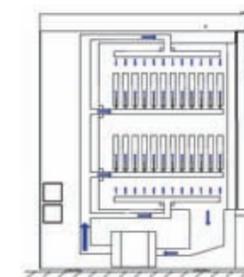
STRONG AND EFFECTIVE DESIGN



Superior construction materials: Chamber, door and frame, made of AISI-304L stainless steel. In the 820 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 a way that the water flows very easily into the glassware, as the water injection is done directly at each level.

A 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.

ON BOARD CHEMICALS STORAGE AND AUTOMATIC DOSING OF CHEMICALS

This undercounter model includes the stock of 2 chemicals containers within the machine.



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. An **automatic liquid level detector** is provided as standard for two chemical containers.

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.

