

Labexia 815 LX

Built-in washer-drier
for laboratory glassware



A big washer for small spaces



USER-FRIENDLY PROGRAMMING

4 easy-to-select standard washing programs for the following applications: Chemistry glassware, bacteriology/virology (high temperature), stubborn stains (agar, etc.), graduated flasks, etc.

Adjustable parameters: Program phases, temperature and time of each phase, cleaning product dosage... All of these parameters can be easily adjusted (password-protected).

Self-diagnostics program: The microprocessor constantly checks parameters, and in case of malfunction, the cause of the problem is displayed on the screen.



EASY LOADING

2 independent washing levels: The LANCER system allows independent accessories to be connected: simple basket tray or jet rack.

The racks and baskets are interchangeable between levels allowing loads to be adapted according to the items to be washed. If you already have a LANCER washer, you can reuse your racks and baskets in this model.

Telescopic runners: In the open position, the runners serve as a support and make for easier loading/unloading of the washer.



REDUCED SIZE

Built-in model: It occupies the same space as a domestic dishwasher, yet provides the performance of a professional washer.

External dimensions (h x l x d): 845 x 600 x 680 mm

NUMEROUS OPTIONS



Condenser: As the machine is built-in under a lab bench, the condenser option prevents dampness from forming, which would usually occur in restricted spaces.

Plinth: Increases the loading height of the 815 LX model to 750 mm and provides extra storage space. This option includes 2 automatic level detectors for 2 cleaning product containers.

Drainage water cooling: Lowers the temperature of the waste water to below 60°C.

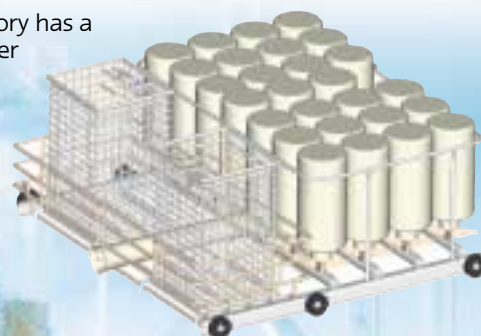
MULTIPLE ACCESSORIES

LANCER has created a versatile accessory with injectors (PS/27 IXLC) that enables many different sizes of glassware to be washed in the same batch (up to 27 narrow-necked flasks, wide bottles and tall items) thus reducing the number of washing cycles.



Wide range of accessories: If your laboratory has a large throughput, the LABEXIA 815LX washer can easily adapt to your needs. You can work on two independent levels with a choice of accessories and even wash pipettes and graduated flasks, etc.

Whatever your need, LANCER can provide you with the most appropriate solution.



GLASSWARE DRYING SYSTEM

The integrated drying system does away with the need for an independent dryer and double handling of glassware, with all the risks that this entails.

The glassware can be used from the moment the door is opened.



SIMPLE, RUGGED DESIGN

Made with superior-quality materials:

Chamber, door and casing in AISI 304L stainless steel.

The 815 LX is fully encased, therefore it requires no extras if used without being built-in.

Simplified installation:

The stainless steel sides and rear panels of the washer have pre-cut perforations to allow easy utility connections (water, power, drainage) on the left, right or rear of the machine.

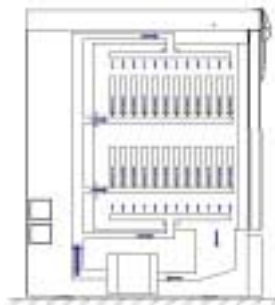


POWERFUL HYDRAULIC CIRCUIT

The design of the hydraulic circuit is important, as it ensures mechanical washing power on several levels. LANCER washers and accessories are designed to allow the water to circulate at full flow throughout all the glassware, primarily thanks to the direct injection at each washing level.

A 350 l/min recycling pump, protected against potential obstructions by means of a multiple filtering system, assures an abundant flow of water.

Stainless steel washing arms located at the top and bottom of the chamber ensure perfect washing of the external surfaces of all items to be washed.



LANCER'S STRENGTHS

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

It is with this same know-how 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 including everything from built-in underbench washers to large custom-built industrial machines.



CLEANING PRODUCTS

Two peristaltic pumps automatically dispense your cleaning products. Product intake is pre-programmed and user-adjustable. Cleaning products consumption is thus optimised, and handling hazards are isolated.

An optional automatic level detector can be supplied for two cleaning product containers.



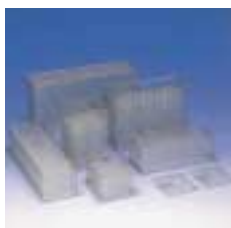
TECHNICAL SPECIFICATIONS AND UTILITIES

OVERALL DIMENSIONS (h x l x d)(mm)	845 x 600 x 700	VOLTAGE (EU /USA)	230 V x 3 /400 V x 3 + N, 50 Hz 208 V x 3 /208 V x 2.60 Hz (others by request)
CHAMBER DIMENSIONS (h x l x d)(mm)	508 x 535 x 510	NET WEIGHT	90 kg
WASHING LEVEL	2 independent levels	HEAT EMISSION	600 Kcal /h -2380 BTU /h
WATER CONSUMPTION (approximate per operation, depending on baskets used)	12 l	NOISE LEVEL	≤ 63 dBa
PUMP FLOW (recycling)	350 l/min	WATER INTAKES washing water softened (cold)	Diam. 20/27 mm, 20 l/min 2-6 bar
WATER HEATING	6 kW	Rinsing water (osmosis-purified, demineralised)	Diam. 20/27 mm, 20 l/min 2-6 bar
DRYING POWER	2 kW	DRAINAGE	Tube diam. 40 mm with siphon at 500/700 mm from floor
TOTAL ELECTRIC POWER	7 kW		

Accessories



PS STANDARD BASKET TRAY



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 INJECTORS



PS/27 IXLC MIXED RACK



27 IXC 1/2 HALF-RACK INJECTORS

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



LANCER UK LTD.
1 Pembroke Avenue Waterbeach
Cambridge CB5 9QR UK
Tel: +44 (0)1223 861665 Fax: +44 (0)1223 861990
Email: sales@lancer.co.uk