

# Getinge Lancer Ultima series labware washing systems

– effective, sustainable and space efficient

## High performance in a compact footprint

From quality control to general laboratory research, Getinge Lancer Ultima series washers deliver high performance in a compact footprint. High density loading demands fewer cycles. Efficient use of water, detergents and rinsing agents minimizes the environmental impact. Energy saving construction lowers total cost of ownership.

The exclusive Prolux programmable microprocessor controller commands a full range of prewash, wash, rinse and drying functions through simple touchscreen menus on all Ultima series washers. The convenience of five preset programs for light to heavy loads simplifies operation, while more complex programs can be customized whenever needed to meet specific applications.



### Key features:

- The high temperature cleaning process is managed with programmable cycles.
- High efficiency powerful fluid circulation with a direct fluid path and rear manifold connections deliver optimal pressure and flow rates.
- The Exclusive Prolux controller displays easy access to preset and custom programmed cycles.
- Injector jets provide inside out wash and rinse functions.
- Automatic chemical dosing pumps, with liquid sensors, are standard on all models.
- Preset or user programmable cycles permit multiple combinations of prewash, wash, rinse, acid rinse, purified final rinse, and forced air or HEPA filtered forced air dry.
- Top and bottom stainless steel spray arms are pressurized to provide exterior coverage to the labware.
- The sump, spray arms, interior chamber walls are fabricated from 316L stainless steel to resist aggressive chemicals and residues.

# Undercounter

– precision meets space efficiency



810 LX



815 LX with side chemical cabinet (accessory)

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>810 LX</b>	535 x 498 x 520 mm 21.1" x 19.6" x 20.5"	600 x 850 x 739 mm 23.6" x 33.5" x 29.1"
With side chemical cabinet (accessory)	535x498x520 mm 21.1"x19.6"x20.5"	900x850x739 mm 35.4"x33.5"x29.1"
<ul style="list-style-type: none"> <li>• No drying</li> <li>• 2 wash levels</li> <li>• 3.5" color touchscreen interface</li> <li>- Prolux PLC controller</li> </ul>		

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>815 LX</b>	535 x 498 x 520 mm 21.1" x 19.6" x 20.5"	600 x 850 x 739 mm 23.6" x 33.5" x 29.1"
With side chemical cabinet (accessory)	535x498x520 mm 21.1"x19.6"x20.5"	900x850x739 mm 35.4"x33.5"x29.1"
<ul style="list-style-type: none"> <li>• Forced-air drying, chamber</li> <li>• Optional: forced-air drying, injectors, HEPA filtered</li> <li>• 2 wash levels</li> <li>• 3.5" color touchscreen interface</li> <li>- Prolux PLC controller</li> </ul>		

# Freestanding

– high capacity with a small footprint



910 LX

1300 LX

1400 LX

1400 LXP

1600 LXP

1600 LXP/HE

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>910 LX</b>	535 x 544 x 520 mm 21.1" x 21.4" x 20.5"	609 x 1483 x 752 mm 24" x 58.4" x 29.6"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 2 wash levels</li> <li>• 3.5" color touchscreen interface</li> <li>- Prolux PLC controller</li> </ul>		

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>1400 LXP</b>	626 x 773 x 629 mm 24.6" x 30.4" x 24.8"	789 x 1731 x 808 mm 31.1" x 68.2" x 31.8"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 3 wash levels</li> <li>• 7" color touchscreen interface</li> <li>- Prolux Plus PLC controller</li> </ul>		

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>1300 LX</b>	535 x 644 x 520 mm 21.1" x 25.4" x 20.5"	609 x 1643 x 752 mm 24" x 64.7" x 29.6"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 3 wash levels</li> <li>• 3.5" color touchscreen interface</li> <li>- Prolux PLC controller</li> </ul>		

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>1600 LXP</b>	703 x 858 x 678 mm 27.7" x 33.8" x 26.7"	866 x 1814 x 858 mm 34.1" x 71.4" x 33.8"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 4 wash levels</li> <li>• 7" color touchscreen interface</li> <li>- Prolux Plus PLC controller</li> </ul>		

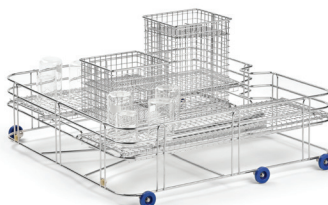
Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>1400 LX</b>	626 x 773 x 629 mm 24.6" x 30.4" x 24.8"	789 x 1731 x 808 mm 31.1" x 68.2" x 31.8"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 3 wash levels</li> <li>• 3.5" color touchscreen interface</li> <li>- Prolux PLC controller</li> </ul>		

Model	Interior dimensions W x H x D	Exterior dimensions W x H x D
<b>1600 LXP/HE</b>	703 x 1048 x 678 mm 27.7" x 41.3" x 26.7"	975 x 1995 x 858 mm 38.4" x 78.5" x 33.8"
<ul style="list-style-type: none"> <li>• Forced-air drying, injectors, HEPA filtered</li> <li>• 4 wash levels</li> <li>• 7" color touchscreen interface</li> <li>- Prolux Plus PLC controller</li> </ul>		

## Loading wash racks

- A wide variety of standard inventory baskets and injector racks are available to meet most needs.
- All racks are interchangeable between upper and lower levels to assure maximum flexibility while limiting the number of accessories required.
- Most common racks are interchangeable between models 810 LX–1300 LX.

See the freestanding or undercounter brochure for details.



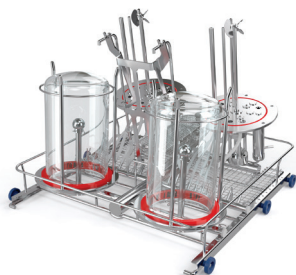
## Bioreactor preparation solution

– consistent processes deliver repeatable results

A solution to prevent cross-contamination, minimize any research downtime and ensure validated outcome through optimal processes and procedures.

These dedicated wash racks for multi-use bioreactors establish a highly reproducible system with significant benefits such as:

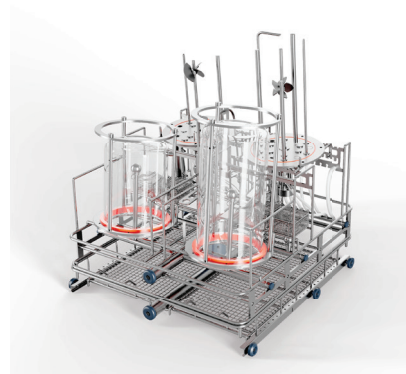
- Free-up resources to increase laboratory throughput and minimize downtime
- Decreasing operational labor costs compared to manual cleaning processes
- Improving staff safety



Dedicated for Geringe Applikon bioreactors (multi-use, vol. 1-3 liter).  
Applicable for Ultima 810LX-1300LX



Flexible modular solution for most common bioreactors (multi-use, vol. 1-7 liter).  
Applicable only for Ultima 1400-1600LXP/HE



## Geringe LLL Detergent & NLL Neutralizer

– efficient and consistent washing process

LLL and NLL assure high-performance washing by a contamination-free process with compatibility between equipment material and chemicals used.

