

LABWARE WASHERS

# LANCER 910LX Washer/Dryer



LCR-910LX

**Features & Benefits**

- 2 racks can be used independently on any of the three available wash levels
- 42 easy-to-use standard washing programs, 4 factory pre-set, 38 user-customized
- 53 adjustable parameters-program phases, temperature, timing, chemical dosing, etc.
- Built-in HEPA-filtered injector drying system
- Quick troubleshooting/maintenance with a visual and audible self-diagnostic program
- Ergonomic design for optimum loading and unloading
- Convenient on-board chemical storage drawer
- Racks interchangeable between levels (sold separately)

# LANCER 810/815/820LX Undercounter Washers



LCR-815

**Features & Benefits**

- 2 independent wash levels
- All aspects of wash cycles are fully programmable by microprocessor controlled programs
- Steam condenser to protect casework
- 304L stainless steel construction throughout for free-standing or undercounter installation
- Insulated chamber for quiet operation
- Peristaltic detergent and acid pumps automatically dose liquids
- Triple filter system to protect circulation pump
- Self-diagnostic software
- Racks are interchangeable between levels (sold separately)
- 820LX has HEPA-filtered injector drying system and onboard chemical storage

## Injector Racks and Baskets

Flexibility is the key to LANCER racks and baskets. Racks can be interchanged easily between levels and in various configurations depending on which model you have. The most commonly used racks are jet racks and basket trays. For special applications where standard racks cannot be used, LANCER has customizable options available.



Pipette rack: LCR-116-PPI



Basic basket rack for open-mouth glassware: LCR-PST



36-jet long and short injector rack: LCR-36-IXLC

## Detergents and Rinsing Agents



LANCERCLEAN LCD-P, a potassium hydroxide-based solution, provides excellent cleaning results for all types of contaminants and standard laboratory soils and is recommended for use in all glassware washers. LCD-P is phosphate-free and non-foaming.

LANCERACID LCA-A, an acetic acid based neutralizer, provides an excellent rinse on all standard laboratory soils and contaminants and is recommended for use in all glassware washers. LCA-A is phosphate-free and non-foaming.

# TI Series Industrial Washing Systems

High performance labware washers and dryers designed to meet the demands of the growing petrochemical industry



1600 TI SS



4800 TI SS

### Features & Benefits

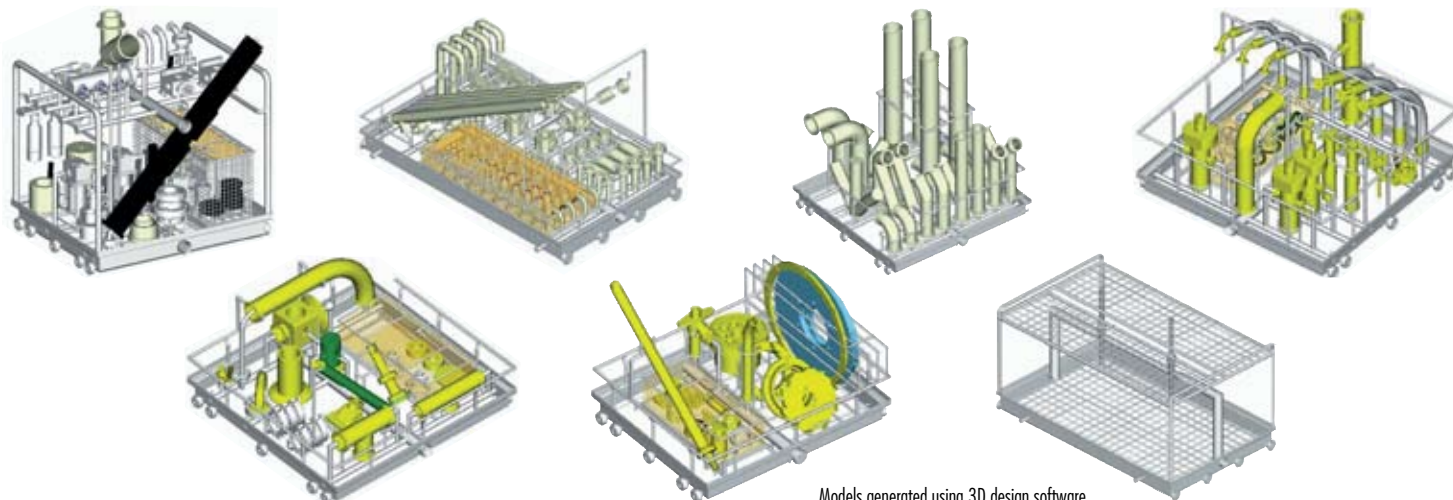
- TI models to suit the petrochemical and other industries: 1400 TI, 1600 TI, 4500 TI, 4800 TI
- Effective mechanical, thermal and chemical washing combined with rugged design and superior construction materials
- User-friendly and reliable, featuring fully programmable microprocessors to control cycle lengths, temperature, uptake of cleaning chemicals
- High flow rate and low-pressure delivery for thorough cleaning without breakage
- Capability of washing on three levels, with various rack options for greater flexibility
- Drop down door provides positive seal and acts as loading platform while reducing overall footprint
- Stainless steel construction throughout, finished on all sides with 316L stainless steel

Dimensions	Model 1400 TI	Model 1600 TI	Model 4500 TI	Model 4800 TI
External	60 1/4" H x 44 1/2" W x 32 3/4" D 1,530 x 1,130 x 830mm	71 1/2" H x 49 1/4" W x 39 1/4" D 1,815 x 1,250 x 995mm	78 3/4" H x 84 1/2" W x 43 1/2" D 2,000 x 2,150 x 1,100mm	71 3/4" H x 102 1/2" W x 43 1/2" D 1,820 x 2,600 x 1,100mm
Internal	25 1/4" H x 23" W x 19 3/4" D 640 x 580 x 500mm	33 3/4" H x 25 3/4" W x 26" D 855 x 655 x 660mm	40 1/4" H x 33 1/2" W x 33 1/2" D 1,025 x 850 x 850mm	33 1/2" H x 51" W x 33 1/2" D 850 x 1,300 x 850mm

For information on other models, please contact Technical Support at 1-888-883-3636 or email [techsupp@mandel.ca](mailto:techsupp@mandel.ca)



Numerous standard or customized accessories available for various applications, including washing of glassware, tubes, valves, refill lines, etc.



Models generated using 3D design software