

# LAB 900

## High capacity Glassware Washers



### LAB 900

- Washing system **on four independent levels**  
The upper level can be docked to three different water/air connections depending on the height of the loaded glassware
  - Two automatic dispensers for liquid chemicals
  - **Sliding up**, full glass door
  - Storage space for chemical tanks (up to three 10 lt/2.64 Gal US)
- 
- Chamber volume ~500 lt / 17.66 ft<sup>3</sup>
  - Basket volume ~350 lt / 12.36 ft<sup>3</sup>



#### Control panel

- LCD display, 40 programs for laboratory glassware: 20 pre-programmed cycles, 20 customizable cycles.

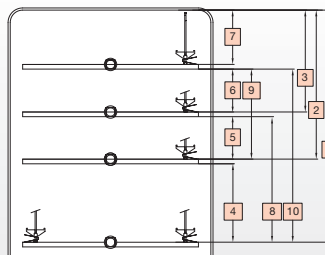
#### Connections

- RS 232 port dedicated for printer or PC connection to monitor and validate the washing cycles and/or the data storage.

### Level positions

The use of an upper level washing cart provided with spray arm reduces the useful height of the level placed below by 50mm/1.97" but allows a gain of 15mm/0.59" on top.

1	585 mm / 23.03"
2	345 mm / 13.58"
3	235 mm / 9.25"
4	205 mm / 8.07"
5	75 mm / 2.95"
6	75 mm / 2.95"
7	125 mm / 4.35"
8	315 mm / 12.40"
9	185 mm / 7.28"
10	425 mm / 16.73"



### Washer dimensions

Width	mm	1140
	inches	44.88
Depth	mm	915
	inches	36.02
Height	mm	1900
	inches	74.80

## Full loading space



**C436** - upper washing cart with washing arm, loading space 585x765mm (23.03"x30.12")

**C1256** - lower washing cart without washing arm, loading space 620x765mm (24.41"x30.12")

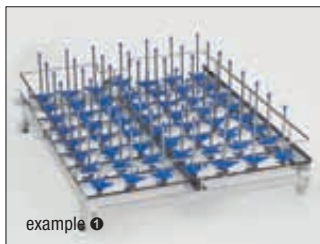


**C446** - grid to allow the loading of small object on std. washing carts dim. 752x582mm (29.60"x22.91")



**C447** - grid cover to be positioned over light object dim. 752x582mm (29.60"x22.91")

## Injection nozzles all levels



### suggested configurations

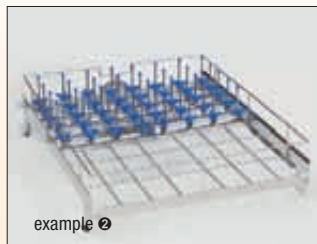
**A 72 positions**  
max glassware  $\varnothing$  75mm,  
max glassware h 160mm  
C434E frame  
+ 72 nozzles C054924

**B 48 positions**  
max glassware  $\varnothing$  90mm,  
max glassware h 230mm  
C440E frame  
+ 48 nozzles C054922

**C 72 positions, mixed nozzles**  
average glassware  $\varnothing$  75mm,  
max glassware h 200...300mm  
C434E frame  
+ 18 nozzles C054922  
+ 54 nozzles C054924

**D 72 positions, mixed nozzles with supports**  
average glassware  $\varnothing$  75mm,  
max glassware h 180...280mm  
C434E frame  
+ 18 nozzles C054948  
+ 54 nozzles C054947

## Half space + Injection nozzles all levels



### suggested configuration

**A 21 positions,**  
max glassware  $\varnothing$  85mm,  
max glassware h 300mm  
loading space mm 480x585 /  
18.90"x23.03"  
C450E frame  
+ 21 nozzles C054905

## Injection Washing for Pipettes



**C442**  
lower level, max 88 positions.  
Min. pipette length 300mm/11.81"  
Max. pipette length 500mm/19.68"  
with 1 upper level installed  
and 700mm/27.56" without upper  
levels installed.

## Injection nozzles + Nozzles for vials



### suggested configurations

**A upper level**  
**121 positions**  
max glassware  $\varnothing$  20mm,  
max glassware h 160mm

**40 positions**  
max glassware  $\varnothing$  75mm,  
max glassware h 230mm  
C441E frame  
+ 121 nozzles C054903  
+ 40 nozzles C054904

note:  
see also C1061, C1086 and C1105  
accessories

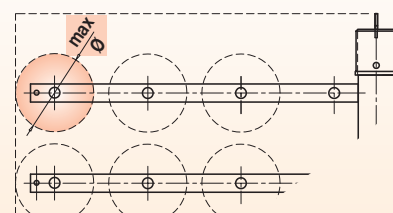
## wash cart frame selection for custom configurations

Selection of an empty rack enables users to customize the wash cart frame using different nozzles and accessories. See final pages of the catalogue.

## Empty wash racks

empty rack code	max $\varnothing$ mm/in.	nr. of injection positions	Upper level Lower level	notes
C439E	25 / 0.98	330	① all	only for mm 2,5/0.1" $\varnothing$ nozzles
C434E	75 / 2.95	72	① all	
C435E	84 / 3.30	56	① all	
C440E	90 / 3.54	48	① all	
C445E	150 / 5.90	18	① all	
C1205E	190 / 7.48	10	① all	
C450E	85 / 3.35	21	② all	mm 480x585 / 18.90"x23.03" space
C441E	75 / 2.95	40+121	③ all	see C1086, C1061, C1105 accessories

Top view of a portion of a injection washing cart showing the maximum glassware diameter.



The table shows the maximum glassware diameter in the washing cart frame and position options.