

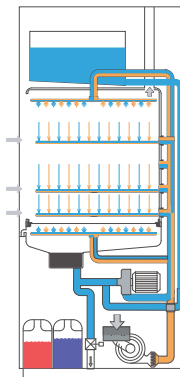
LAB 640 SL

Freestanding Glassware Washers



LAB 640 SL

- Washing and forced hot air drying system on four independent levels. The upper levels can be docked to three different water/air connections depending on the height of the loaded glassware.
- **Vertical sliding down full glass door.**
- Steelcotronic control system with industrial PLC, 5,7" touch screen display. Up to 65 washing programs for laboratory glassware.
- Hinged door for access to storage of chemical tanks (up to two 10 lt/2.64 Gal US)



Single pass final rinse

LAB 640 washer can be equipped with a non recirculated final rinse hydraulic circuit option.

- Chamber volume ~350 lt / 12.36 ft³
- Basket volume ~280 lt / 9.89 ft³

Full loading space



C1390 - upper washing cart with washing arm, loading space 570x600mm (22.44"x23.62")



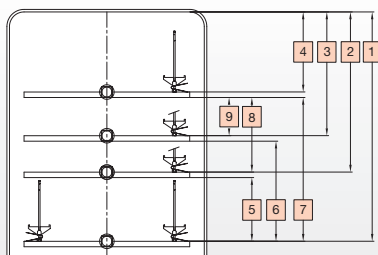
C1502 - support grid to have a flat surface on a C1390, usable height reduced by 50mm



C1389 - lower washing cart, loading space 570x600mm (22.44"x23.62")

Level positions

1	630 mm / 24.80"
2	440 mm / 17.32"
3	340 mm / 13.38"
4	220 mm / 8.66"
5	170 mm / 6.69"
6	270 mm / 10.63"
7	390 mm / 15.35"
8	200 mm / 7.87"
9	100 mm / 3.94"



The use of an upper level washing cart provided with spray arm reduces the useful height of the level placed below by 40mm/1.57" but allows a gain of 15mm/0.59" on top.

Dimensions		LAB 640 SL
Width	mm	765
	inches	30.10
Depth	mm	800
	inches	31.50
Height	mm	1975
	inches	77.76

Injection nozzles for small size glassware, upper/lower levels



suggested configurations

- A 208 positions**
max glassware \varnothing 41mm/1.61",
max glassware h 160mm/6.30"
C1412E frame
+ 208 nozzles C054903
- B 137 positions**
max glassware \varnothing 51mm/2.01",
max glassware h 180mm/7.09"
C1411E frame
+ 137 nozzles C054924
- C 90 positions,**
max glassware \varnothing 60mm/2.36",
max glassware h 230mm/9.06"
C1408E frame
+ 90 nozzles C054904

Injection nozzles for mid size glassware, upper/lower levels



suggested configurations

- A 56 positions**
max glassware \varnothing 76mm/3.00",
max glassware h 230mm/9.06"
C1407E frame
+ 56 nozzles C054904
- B 35 positions**
max glassware \varnothing 95mm/3.74",
max glassware h 280mm/11.02"
C1406E frame
+ 35 nozzles C054905
- C 18 positions**
max glassware \varnothing 120mm/4.72",
max glassware h 330mm/13.00"
C1405E frame
+ 18 nozzles C054959

Injection nozzles for large size glassware

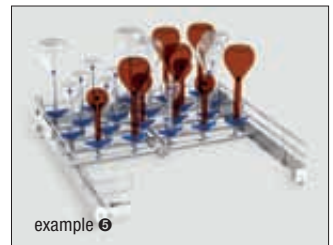


- C1404**
upper/lower level, capacity:
up to 8 items \varnothing max 200mm/7.87"
- C1403**
upper/lower level, capacity:
up to 5 items \varnothing max 240mm/9.45"
- C1515**
upper/lower level, capacity:
up to 4 items \varnothing max 280mm/11.02"
7 measuring cylinders,
4 x max \varnothing 130mm - 3 x \varnothing 180mm.
- C1455**
upper/lower level, capacity:
up to 4 items \varnothing max 280mm/11.02"
1 measuring cylinder
 \varnothing max 95mm/3.74"
- C1402**
upper/lower level, capacity:
up to 3 items \varnothing max 305mm/12.00"

Injection washing for pipettes



- C1409**
lower level, max 200 positions.
Min. pipette length 150mm/5.91"
Max. pipette length 620mm/24.41"



- C1410E**
upper level, to be used combined
with C1409 wash cart for pipettes

suggested configuration

- A 20 positions**
max glassware \varnothing 95mm/3.74",
max glassware h 280mm/11.02"
C1410E frame
+ 20 nozzles C054905

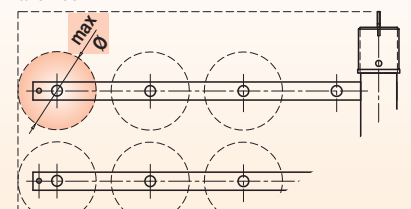
wash cart frame selection for custom configurations

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

Upper and lower level empty racks

empty rack code	max \varnothing mm/in.	nr. of injection positions		Upper level Lower level	notes
C1412E	41 / 1.61	208	①	U/L	only for mm 2,5/0.1" \varnothing nozzles
C1411E	51 / 2.01	137	①	U/L	only for mm 2,5/0.1" \varnothing nozzles
C1408E	60 / 2.36	90	①	U/L	only for mm 2,5/0.1" \varnothing nozzles
C1407E	76 / 3.00	56	①	U/L	only for mm 2,5-4/0.1-0.16" \varnothing nozzles
C1521E	80	36	①	S/I	
C1406E	95 / 3.74	35	①	U/L	
C1518E	110	22	①	S/I	
C1405E	120 / 4.72	18	①	U/L	
C1519E	135	14	①	S/I	
C1520E	180	8	①	S/I	
C1410E	95 / 3.74	20	⑥	U	

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



The table shows the maximum glassware diameter allowed in the washing cart frame and of the number related positions.