

## DISPENSERS - "advanced model"



➤ Guarantees reliable results with bubble-free dispensing of liquids. Fully autoclavable body provides high precision with consistent delivery.

➤ Available in 6 volume ranges covering a range from 2,5 ml to 100 ml.

➤ Individually calibrated according to ISO 8655 standard and supplied with a calibration certificate.

➤ All wetted parts are PTFE, FEP, PFA and borosilicate glass ensuring highest degree of chemical resistance.

➤ Springless PTFE valve manifold ensures excellent chemical compatibility and leak-proof functioning.

➤ This also ensures wiper like movement of the piston making it suitable for all kinds of crystalline liquids.

➤ PTFE piston and viton "O" ring guarantees fatigue-free, smooth, effortless piston movement and high accuracy.

➤ Dosing cylinder is protected against breakage by a polypropylene sleeve.

➤ Large volume scale printed on both sides of the body guarantees fast, easy and precise volume readings.

➤ Adapter rotates freely 360° on the bottle neck and redirects the discharge to the desired position.

➤ Easy volume setting with 180° rotating volume adjustment knob.

➤ Discharge tube cap prevents drying and accidental dropping.

➤ Supplied with 4 adaptors (28, 38, 40 & 45 mm diameter) to fit almost all available reservoir bottle necks.

➤ The telescopic extractable intake tube can be adjusted simply by pulling according to different bottle heights.

➤ Specially designed calibration tool is provided with each dispenser for convenient and fast user recalibration.

➤ **Alternative 2 dispensers:** • without recirculation valve • with recirculation valve



Volume scale printed on both sides of the body guarantees precise volume readings.



Built in recirculation valve prevents reagent loss during purging,



Adapter rotates freely 360° on the bottle neck and redirects the discharge to the desired position.



Fast, easy and reliable volume setting with 180° rotating volume adjustment knob.



Discharge tube cap reduces contact with the air and prevents drying. Also prevents accidental dropping.



Supplied in a perfectly designed modern and sturdy box featured for compartments for every piece.

volume	without re-circulation valve	with re-circulation valve	pack quantity
0.3 - 2.5 ml	008.12.002	008.15.002	1 piece
0.5 - 5 ml	008.12.005	008.15.005	1 piece
1.0 - 10 ml	008.12.010	008.15.010	1 piece
2.5 - 30 ml	008.12.030	008.15.030	1 piece
5.0 - 60 ml	008.12.060	008.15.060	1 piece
10.0 - 100 ml	008.12.100	008.15.100	1 piece

## lab consumables & labware

### BOTTLES - "ISO" - "borosilicate glass"

- Manufactured from heat resistant, durable borosilicate glass with thick walls and crush-resistant corners.
- These impact resistant, excellently thermal stable bottles are autoclavable at 121°C. Caps should not be closed during autoclaving.
- Angled neck form allows unrestricted liquid flow out without leaving any residue at the bottle neck.
- A large GL 45 bottle neck provides easy filling and pouring. Unique design pouring ring prevents drops and spillage.
- Caps are made from polypropylene with large ridges with increased grip. Cap inner design ensures hermetical and leak-proof closure.
- Volume graduations on wall side offers better liquid level viewing. Graduations and inscriptions are printed with white enamel.

Color coded caps enable easy and practical identification of bottle content. Color coded caps can be selected from page no 69.



volume	neck NS size	clear bottles	pack quantity	amber bottles	pack quantity
100 ml	GL 45	061.01.100	10 pieces	061.02.100	1 piece
250 ml	GL 45	061.01.250	10 pieces	061.02.250	1 piece
500 ml	GL 45	061.01.500	10 pieces	061.02.500	1 piece
1000 ml	GL 45	061.01.901	10 pieces	061.02.901	1 piece
2000 ml	GL 45	061.01.902	4 pieces	061.02.902	1 piece
3000 ml	GL 45	061.01.903	1 piece	061.02.903	1 piece
5000 ml	GL 45	061.01.905	1 piece	061.02.905	1 piece
10000 ml	GL 45	061.01.910	1 piece	061.02.910	1 piece
20000 ml	GL 45	061.01.920	1 piece	061.02.920	1 piece



### COATED BOTTLES - "glass" - "clear & amber"

- When handling dangerous and/or valuable solutions coated bottles are highly recommended.
- They are featured with identical technical specifications of clear and amber bottles with codes 061.01.xxx and 061.02.xxx.
- Bodies of these bottles are coated with a special formulated coating which reduces the impacts. Coating covers the body like a protective glove and holds the broken parts unscattered.
- The coating also holds the broken glass together so that the leakage will be minimum. In most of the cases this coating keeps the solutions still inside the flask body without leakage.
- The coating is highly transparent and can resist up to 135°C with maximum period of 30 minutes. These bottles can be cleaned at maximum 95°C and can be repeatedly autoclaved at 121°C.
- Coated bottles should not be exposed directly to open flame.

volume	neck NS size	coated clear bottles	coated amber bottles	pack quantity
100 ml	GL 45	061.01.100C	061.02.100C	1 piece
250 ml	GL 45	061.01.250C	061.02.250C	1 piece
500 ml	GL 45	061.01.500C	061.02.500C	1 piece
1000 ml	GL 45	061.01.901C	061.02.901C	1 piece
2000 ml	GL 45	061.01.902C	061.02.902C	1 piece

