

# Dispense Liquids with Confidence

## Speed, Simplicity and Precision

# Bottle-Top Dispenser



### Superior chemical compatibility

The Rainin Disp-X uses high-grade inert materials to assure the purity of your reagents from the first aliquot to the last. Disp-X is compatible with a wide range of liquids and is autoclavable for biological applications.



### Built-in safety features

The Disp-X dispenser includes a safety system with discharge tube and closure cap to prevent accidental dispensing or spilling. The inner glass piston is enclosed in an inert polypropylene sleeve to prevent damage and allow smooth operation.



### Clear and easy control

Setting the volume on Disp-X is easy using the adjustable volume control knob. Simply position the marker at the desired volume and go. Very little force is required to move the piston up and down because a liquid film between piston and cylinder acts as a lubricant. Discharge valves are easy to clean and replace.



### Flexible dispensing options

With Disp-X, you can change accessories to suit your application. Changing accessories is fast and easy. Discharge tubes and telescoping filling tubes are available in sizes to meet your needs. Disp-X bottle-top dispensers are for volumes ranging from 0.5–50 mL.



### Rainin Disp-X™ Bottle-Top Dispenser

#### Safely and Easily Handle Reagents

The Rainin Disp-X manual bottle top dispenser is a valuable tool to aliquot reagents quickly, reliably and safely. Built-in safety features protect the user from accidental spills and ensure smooth, trouble-free dispensing. For use with a wide range of compatible liquids – including corrosive and inflammable liquids – Disp-X has a broad application base in biology, pharmaceutical, clinical, chemical and forensic labs. Disp-X can be used with a variety of liquid reagents while providing superior sealing over a wide range of temperatures and viscosities. Disp-X is available in 4 different volume ranges: 0.5 – 5 mL, 1 – 10 mL, 2.5 – 25 mL and 5 – 50 mL.

# Disp-X™ Bottle-Top Dispenser

## Dispense Liquids with Confidence

### Features:

- High grade chemically inert material used throughout the Disp-X dispenser
- The Disp-X dispenser can be screwed directly onto reagent bottles with GL 45 screw threads; other bottle types can be connected with the adapters provided
- Replaceable filling and discharge valves provide quick and easy servicing and maintenance
- Telescoping filling tube snaps into place for easy replacement
- Disp-X's self sealing piston simplifies maintenance



Disp-X bottle-top dispenser



Tube accessories



Disp-X components

## Ordering information

MT-Order No.	Description	
30373527	DX-5	Disp-X 0.5–5 mL bottle-top dispenser
30373528	DX-10	Disp-X 1–10 mL bottle-top dispenser
30373529	DX-25	Disp-X 2.5–25 mL bottle-top dispenser
30373750	DX-50	Disp-X 5–50 mL bottle-top dispenser
<b>Accessories</b>		
30373751	DX-DT10	Disp-X discharge tube, 5 or 10 mL
30373752	DX-DT50	Disp-X discharge tube, 25 or 50 mL
30373753		Disp-X filling tube, 5 or 10 mL, 125–240 mm length
30373754		Disp-X filling tube, 5 or 10 mL, 250–480 mm length
30373755		Disp-X filling tube, 25 or 50 mL, 170–330 mm length
30373756		Disp-X filling tube, 25 or 50 mL, 250–480 mm length
30373757	DX-FV10	Disp-X filling valve, 5 or 10 mL
30373758	DX-FV50	Disp-X filling valve, 25 or 50 mL
30373759	DX-DV10	Disp-X discharge valve, 5 or 10 mL
30373760	DX-DV50	Disp-X discharge valve, 25 or 50 mL

## Technical Specifications

Parameter	Specification
Operating Temperature	15–40°C (59–104°F)
Vapor Pressure	up to 600 mBar
Density	up to 2.2 g/cm <sup>3</sup>
Kinematic Viscosity	up to 500 mm <sup>2</sup> /s
Accuracy	≤0.5%
Precision	≤0.1%
Autoclaving	Autoclavable to 121°C at 2 bar according to DIN EN 285

Volume model	Subdivisions
0.5–5 mL Disp-X	0.1 mL
1–10 mL Disp-X	0.2 mL
2.5–25 mL Disp-X	0.5 mL
5–50 mL Disp-X	1 mL

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