

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 slotted discharge tube ensures correct installation and safe operation every time. 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 workflow. Changing accessories is fast and easy. Discharge tubes and filling tubes are available in sizes to meet your needs. Fixed and flexible discharge tubes are available. 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 dispenser operation. 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

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Features:

- High grade chemically inert material used throughout the Disp-X dispenser: Borosilicate glass, ETFE, PFA, FEP, PTFE, platinum-iridium and PP (closure cap)
- The Disp-X dispenser can be screwed directly onto reagent bottles with GL 45 screw threads; other bottle types can be connected with the adapter provided
- Replaceable filling and discharge valves provide quick and easy servicing and maintenance
- Filling tube snaps into place for easy replacement
- Discharge tube is slotted to ensure proper orientation upon replacement
- Disp-X's self sealing multi-layer PFA-coated piston simplifies maintenance



Disp-X bottle-top dispenser



Tube accessories



Easy cleaning

Ordering information

Cat. No	MT Ordering #	Description
DX-5	17011768	Disp-X 0.5–5 ml Bottle-Top Dispenser
DX-5EU	17011769	Disp-X 0.5–5 ml Bottle-Top Dispenser, EU
DX-10	17011770	Disp-X 1–10 ml Bottle-Top Dispenser
DX-10EU	17011771	Disp-X 1–10 ml Bottle-Top Dispenser, EU
DX-25	17011772	Disp-X 2.5–25 ml Bottle-Top Dispenser
DX-25EU	17011773	Disp-X 2.5–25 ml Bottle-Top Dispenser, EU
DX-50	17011774	Disp-X 5–50 ml Bottle-Top Dispenser
DX-50EU	17011775	Disp-X 5–50 ml Bottle-Top Dispenser, EU
DX-DT10	17011747	Disp-X Discharge Tubes 5 or 10 ml, bent, 80 mm, pack of 2
DX-DT50	17011748	Disp-X Discharge Tubes 25 or 50 ml, bent, 120 mm, pack of 2
DX-FT250	17011749	Disp-X Filling Tubes with Adapter 250 mm x 6.9 mm OD, pack of 2
DX-FT390	17012004	Disp-X Filling Tubes with Adapter 390 mm x 6.9 mm OD, pack of 2
DX-FT335	17011750	Disp-X Filling Tubes with Adapter 335 mm x 6.9 mm OD, pack of 2
DX-FV10	17011757	Disp-X Filling Valve with Sealing Washer 5 or 10 ml
DX-FV50	17011765	Disp-X Filling Valve with Sealing Washer 25 or 50 ml
DX-DV10	17011766	Disp-X Discharge Valve with Sealing Washer 5 or 10 ml
DX-DV50	17011767	Disp-X Discharge Valve with Sealing Washer 25 or 50 ml

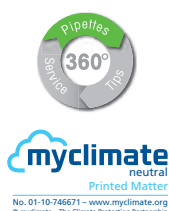
Technical Specifications

Parameter	Specification
Operating Temperature	15-40°C (59-104°F)
Vapor Pressure	up to 500 mBar
Density	up to 2.2 g/cm ³
Kinematic Viscosity	up to 500 mm ² /s
Accuracy	≤0.5%
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

www.mt.com/rainin

For more information



Quality certificate ISO9001
Environment certificate ISO14001

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