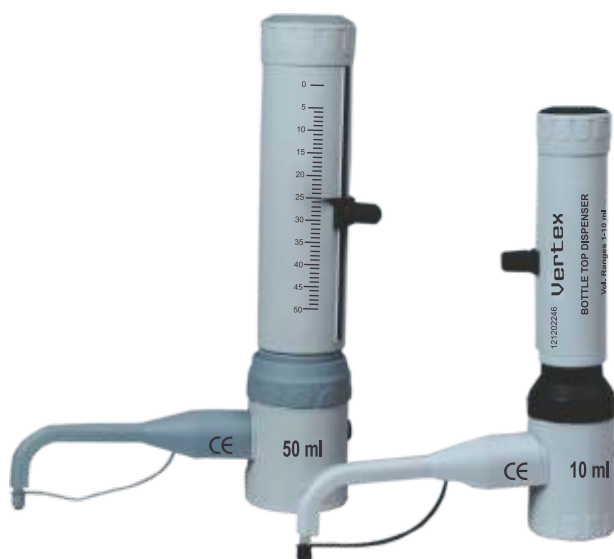


BOTTLE TOP DISPENSER

FULLY AUTOCLAVABLE

(a) REGULAR MODEL

(b) PREMIUM MODEL



VERTEX Bottle top dispenser is another genius of its strong R&D base. Responding to the needs of the present generation, **RV Instruments** is proud to offer its NEW BOTTLE TOP DISPENSERS in two indigenous versions. Regular & Premium which is an unique combination of affordable pricing and high performance.

Regular Model : Wetted parts are PP, Borosilicate Glass and FEP. Suitable for routine laboratory application.

Premium Model : All wetted parts are PTFE, FEP and Borosilicate Glass only. This can be used for all laboratory reagents except **HF**.

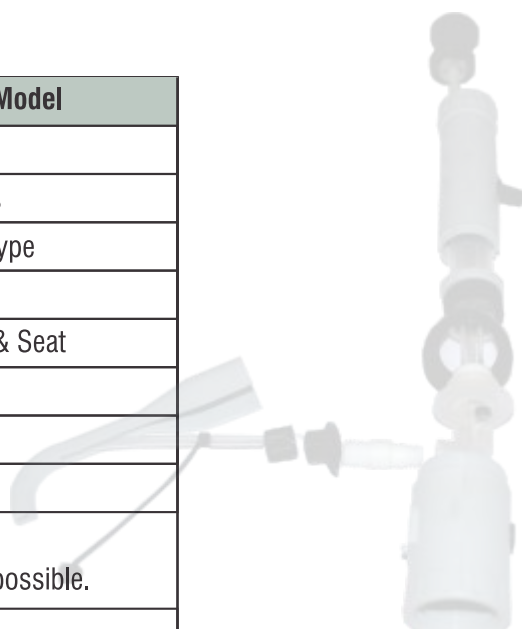
Simple design clubbed with variety of useful features makes **VERTEX** Bottle Top Dispensers an obvious choice for all dispensing needs.

High precision and accuracy is ensured through careful selection of component raw material and several stages of strict quality checks during manufacturing process

Each instrument is individually calibrated in accordance with ISO 8655 standards and comes with individual Calibration certificate.

GENERAL PRODUCT INFORMATION :

Description	Regular Model	Premium Model
Piston	PTFE	PTFE
Cylinder	Glass	Glass
Volume adjustment knob	Screw Type	Screw Type
Valve Housing	Polypropylene	PTFE
Valve assembly	Glass Ball & Seat	Glass Ball & Seat
Discharge Assembly	PTFE	PTFE
Delivery tube	FEP	FEP
Inlet tube	FEP	FEP
Calibration	Individually calibrated and certified In -lab easy Calibration by the user is also possible.	
Accuracy & Reproducibility	In accordance with ISO 8655 standards.	
Compatibility	Good for routine lab application	Excellent compatibility with all reagents except HF



FEATURES : REGULAR & PREMIUM MODEL



■ Both Regular & Premium Model Available in 5 adjustable vol. sizes :

- (a) 0.25-2.5 ml (b) 0.5-5.0 ml (c) 1.0-10ml
(d) 2.5-25.0 ml (e) 5.0-50.0ml

■ Easy to use, simple construction and smooth, effortless plunger movement for bubble free dispensing.

■ Piston : Specially designed PTFE Piston with Silicone O-ring ensures smooth, effortless piston movement and high accuracy.

■ Each instrument comes with five adaptors to fit in most of the laboratory reagent bottle:

Standard threads : 30mm

Adaptors :

28mm, 32mm,
36mm, 40mm, and 45mm.



■ Nozzle cap prevents any unwanted drop on the work space.

■ Easy to dis-assemble for cleaning and servicing.

■ Glass Barrel is protected by a polypropylene sleeve. It also ensures no glass splitting in case of any accidental breakage.

■ Valve Manifold : Specially designed, single piece PTFE valve manifold in the Premium Model ensures excellent chemical compatibility, leak proof valve functioning and excellent reproducibility.

■ Instrument is fully autoclavable at 121°C, 15psi. No Need for dis-assembling the instrument for autoclaving.

■ Screw type volume adjustment knob with large pointer ensures precise, easy and quick volume adjustment.

■ Calibration : Specially designed universal calibration tool is provided for convenient and quick In-lab user re-calibration. This is in compliance with GLO/ISO Norms.

SPECIFICATIONS & ORDERING INFORMATION

Bottle Top Dispenser

				ISO 8655 Specifications				RV Instruments Specifications			
Model No.		Vol. Range	Increment	Accuracy		CV		Accuracy		CV	
Regular Model	Premium Model			± %	± ml	± %	± ml	± %	± ml	± %	± ml
BTDR-1	BTDP-1	0.25-2.5 ml	0.05 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005
BTDR-2	BTDP-2	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005
BTDR-3	BTDP-3	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010
BTDR-4	BTDP-4	2.5-25 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030
BTDR-5	BTDP-5	5-50 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060