

# Microfluid™ - BOTTLE-TOP DISPENSER

## FEATURES

- Fully autoclavable at 121 °C
- Rotary scale display and adjustment for volume range to eliminate visual errors.  
No calibration required
- Precise liquid transfer with accuracy  $\leq 0.6\%$ , in line with ISO8655-6 standard requirements
- Recirculation Valve that allows easy priming without “spitting” or wasting of reagent
- 5 ranges of bottle-top dispenser cover a volume range from 0.5ml to 60ml
- Comes with standard GL32/GL38/S40 adapters
- Made of PFA, FEP, PTFE and BSG, with highest chemical compatibility  
(Except for Hydrofluoric acid)
- Can be rotated 360° to ensure that the label of the reagent bottle always faces the user



DISPENSERS



## SPECIFICATIONS

Model	Volume Range	Increment	Maximum permissible systematic error (Inaccuracy)	Maximum permissible random error (Imprecision)	Interface Type
Microfluid 60	10~60mL	1mL	0.60%	0.20%	GL45
Microfluid 30	5~30mL	0.5mL	0.60%	0.20%	
Microfluid 10	2~10mL	0.2mL	0.60%	0.20%	
Microfluid 05	1~5mL	0.1mL	0.60%	0.20%	
Microfluid 02	0.5~2mL	0.05mL	0.60%	0.20%	

DISPENSERS

# BOTTLE-TOP DISPENSER



## FEATURES

- Excellent chemical resistance
- Fully autoclavable at 121°C
- Made of PTFE, FEP, BSG, PP
- 4 range of bottle-top dispenser cover a volume range from 0.5 mL to 50mL
- Easy to clean and maintain
- The optional flexible discharge tube with safety handle permits fast and precise dispensing
- Vapor pressure Max. 500mbar, viscosity max. 500mm<sup>2</sup>/s, temperature max. 40 degree, density max. 2.2g/cm<sup>3</sup>
- 5 adapters of 45/40mm, 45/32mm, 45/38mm, 32/25mm, 32/28mm are supplied with the dispenser

## ACCESSORIES

Adapter 45/40mm
Adapter 45/32mm
Adapter 45/38mm
Adapter 32/25mm
Adapter 32/28mm
Reagent Bottle (Brown,1L)
Filling tube (m)
Discharge tube (m)

Code	Volume Range	Graduation	A ±		CV ≤	
TD-BD-01	0.5-5mL	0.1mL	0.5%	25µL	0.1%	5µL
TD-BD-02	1.0-10mL	0.2mL	0.5%	50µL	0.1%	10µL
TD-BD-03	2.5-25mL	0.5mL	0.5%	125µL	0.1%	25µL
TD-BD-04	5.0-50mL	1mL	0.5%	250µL	0.1%	50µL

DISPENSERS

# ELECTRONIC BOTTLE-TOP DISPENSER

## FEATURES

- Makes liquid dispensing easy and fast, while maintaining accuracy and precision
- Minimal Grip Force requirement because of motorized operation
- The remote control panel with display improves ease of use and avoids disturbance during use
- Two operations modes: serial dispensing and stepper mode



## SPECIFICATIONS

Volume range	0.1-99.9mL, Max piston lift is 10mL, resolution is 100uL
Volume accuracy	Dispenser: R=10mL±30uL; CV=10mL±10uL Stepper: R=1mL±6uL; CV=1mL±9uL
Operating temperature range	10°C-30°C
Quality control	DIN EN ISO 8655
Control type	External control

DISPENSERS