Tel: +27 11 568 4950
Fax: +27 67 126 6578
Email: info@7dholdings.com
Website: www.7dholdings.com
Unit E26 U Can Store Complex, 30 Eland Close, Alberton, Johannesburg 1144

7D HOLDINGS
Fashioned For Success & Excellence

BOECO SA Series Bottle-top Dispenser

Innovative

- Unique piston mechanism allows cleaning of the piston and cylinder without disturbing the calibration.
- Spring-less valve design leads to smooth functioning and high chemical resistance.

Perfect Handling

- Discharge tube with 360° rotating makes the bottle label visible all the time
- Ease of volume setting with locking mechanism.
- Telescoping filling tube compatible with different sizes of reagent bottles.
- Comes with 4 additional adapters for common bottle sizes.
- Easy dispensing and fast priming.

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Key features

- Excellent chemical resisitance
- Permanent fluid path visible
- Robustness with long lasting performance
- Hassle free maintenance and cleaning
- Easy to calibrate and adjust in order to comply with ISO 8655-5 standards
- Can be autoclaved for sterile application 121°C

Safety

- Replaceable filling and discharge valve with safety ball
- The glass barrel is protected by a transparent plastic sleeve, which prevents the user from cuts and splashes if the glass breaks
- Drip-free discharge tube holder to restrict tubing movement

Application

The BOECO SA dispenser supports a very wide range of applications for the dispensing of aggressive reagents - directly from the supply bottle:

Such as concentrated bases and acids like H3PO4, H2SO4 (with certain exceptions such as HCL, HNO3, HF, etc.), saline solutions, and a variety of organic solvents. Specially for use in trace analysis for dispensing high-purity and highly concentrated acids and salt solutions, acids, alkalies and many organic solvents as well as hydrogen peroxide, bromine.

Material in contact with media

Borosilicate glass, Al2O3-ceramic PFA, FEP, PTFE, ETFE and PP
(Bottle screw cap).
Limits and operating exclusions
Temperature: +15 °C to +40 °C
Steam pressure: max. 500 mbar
Viscosity: max. 500 mm2/s
Density: max. 2.2 g/cm3
Liquids attacking ETFE, FEP, PFA and PTFE (e.g. dissolved sodium azide)
Liquids attacking borosilicate glass (e.g. hydrofluoric acid)

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Hydrochloric acid > 20 % and nitric acid > 30 %
Tetrahydrofuran, Trifluoroacetic acid
Explosive liquids (e.g. carbon disulfide)
Suspensions (e.g. of charcoal) as solid particles may clog or damage the instrument.
Liquids attacking PP (Bottle screw cap)

BOECO SA Series Bottle-Top Dispenser, complete with 4 adapters (PP), telescopic filling tube, spanner, instruction manual, quality certificate and calibration report, without reservoir bottle.

Code	Volume	Dispenser	Adapters	Increment	Inaccuracy	Imprecision
BOE 9680002	0,25 - 2,5 ml	32	28//38/40/45	0,05 ml	± 0,6 %	± 0,2 %
BOE 9680005	0,50 - 5,0 ml	32	28//38/40/45	0,10 ml	± 0,5 %	± 0,1 %
BOE 9680010	1,0 - 10,0 ml	32	28//38/40/45	0,20 ml	± 0,5 %	± 0,1 %
BOE 9680025	2,5 -25,0 ml	32	28//38/40/45	0,50 ml	± 0,5 %	± 0,1 %
BOE 9680050	5,0 - 50,0 ml	32	28//38/40/45	1,00 ml	± 0,5 %	± 0,1 %