



- The new digital BOECO Continuous Bottle-top Burette makes manual titration safer, easier, with more reliable results.
- Continuous pulse-free operation for faster titrations up to 5 ml per second. No need to stop to refill the burette cylinder with reagent.
- Titrant delivery is controlled by turning the wheels, and the amount dispensed is immediately shown on the display - from 10  $\mu$ l to 999.9 ml, with a velocity of 2.500  $\mu$ l/turn using model DCB 2500 or 5.000  $\mu$ l/turn with model DCB 5000.
- The DCB models eliminate the errors of reading the meniscus and volume graduations of conventional hanging glass buretts.
- There is no exposed glassware to break, and direct connection to the reagent bottle avoids pouring dangerous chemicals.

- Safty recirculating valve eliminates reagent waste during priming of the burette before use and, it can be closed to accidental dispensing.
- Angled digital display for easier reading from different heights by different users.
- Unique telescopic filling tube with length from 210 till 310 mm can be readjusted without cutting for different bottle sizes.
- Dosing spectrum from 10  $\mu$ l to 999,99 ml
- Powered by rechargeable battery or standard alkaline cells for portability. One charge lasts a minimum of 500 hours (dispensing 4500 l of reagent).
- Discharge tube rotatable by 360°
- Adjustable discharge tube: horizontal 142-220 mm, vertical 10-200 mm
- Service friendly modular assembly.
- Electronic can be completely removed. Without the electronic parts the burette is autoclavable
- Low battery indicator.
- User-serviceable and calibratable to meet ISO and GLP requirements.
- Optional drying tube protects reagents from moisture or CO<sub>2</sub>.
- Manufactured under ISO 9001 norms.

Adapters are available to fit most bottle neck sizes.

BOECO Digital Continuous Bottle-Top Burettes, complete with 3 adapters 45/38, 38/32, 40/45 (45 thread at the burette), Telescopic aspiration tube (PTFE), dosification tip, discharge tube, without reservoir bottle.



Code	Model	Inaccuracy	Imprecision
BOE 9882500	DCB 2500 (2.500 $\mu$ l/turn)	+/- 0,2% +/- 50 $\mu$ l	0,1 %
BOE 9885000	DCB 5000 (5.000 $\mu$ l/turn)	+/- 0,2% +/- 100 $\mu$ l	0,1 %

### Accessories

Code	Description	Code	Description
BOE 9810200	Discharge tube long (FEP), 175 mm	BOE 9830200	Tips (PP), 10 pcs
BOE 9820200	Discharge tube (FEP) flexible, 80 cm	BOE 9840200	Drying tube



- Exact reproducibility of delivered quantities, due to rapid and precise volume adjustment by serrated setting device.
- Piston with pressure-dependent active sealing, will resist even aggressive media.
- Servicefriendly and easy to clean, because of a removable piston and suction valve.
- Can be calibrated by service personal with an analytical balance.
- Manufactured with high quality and durable materials.  
The parts of the BOECO dispenser which come into contact with the liquid are:
  - Piston out of PTFE
  - TPX safety sheeted borosilicate glass cylinder
  - Platinum-iridium Spring
  - Valve out of ETFE
 Any liquid which does not attack these materials can be dispensed.
- Manufactured under ISO 9001 norms.
- Dispensing with all known original reagent bottles owing to the offer of different adapters.
- Autoclavable

BOECO Bottle-Top Dispenser, complete with 3 adapters, aspiration tube PTFE, Discharge-cannula (with safety thread) PTFE, closure cap, without reservoir bottle.

Code	Volume	Thread at the dispenser	Adapters	Increment	Inaccuracy	Imprecision
BOE 9700525	0,1 - 2,5 ml	32	28/40/45	0,05 ml	± 0,6 %	≤ 0,1 %
BOE 9701050	1,0 - 5,0 ml	32	28/40/45	0,10 ml	± 0,5 %	≤ 0,1 %
BOE 9702100	2,0 - 10,0 ml	32	28/40/45	0,20 ml	± 0,5 %	≤ 0,1 %
BOE 9705250	5,0 - 25,0 ml	45	40/38/32	0,50 ml	± 0,5 %	≤ 0,1 %
BOE 9710500	10,0 - 50,0 ml	45	40/38/32	1,00 ml	± 0,5 %	≤ 0,1 %
BOE 9725100	20,0 - 100,0 ml	45	40/38/32	2,00 ml	± 0,5 %	≤ 0,1 %

## Accessories and spare parts.

Aspirating and Discharge tubes

Adapters:

Code	Description
BOE 9775050	Aspiration tube, PTFE, for volume 2,5,10 ml
BOE 9775060	Aspiration tube, PTFE, for volume 25, 50,100 ml
BOE 9775070	Telescopic aspiration tube, PTFE, all ranges
BOE 9775030	Discharge canula, PTFE, for volume 2,5,10 ml
BOE 9775040	Discharge canula, PTFE, for volume 25,50,100 ml
BOE 9775010	Flexible discharge tube, PTFE, 80 cm, for volume 2,5,10 ml
BOE 9775020	Flexible discharge tube, PTFE, 80 cm, for volume 25, 50,100 ml

Code	Bottle neck / Dispenser
BOE 9777250	25/32
BOE 9777280	28/32
BOE 9777380	38/32
BOE 9777400	40/32
BOE 9777450	45/32
BOE 9777460	32/38
BOE 9777470	38/45
BOE 9777480	40/45

Dispenser-thread bottles, with screw cap, amber glass, with Levasint coating

Code	Volume	Outer diam. (mm)
BOE 9772010	100 ml	28
BOE 9772020	250 ml	32
BOE 9772030	500 ml	32
BOE 9772040	1000 ml	45
BOE 9772050	2500 ml	45

