

VITLAB® continuous RS

Volume dispensed per rotation of the hand wheel 5,0 ml

The VITLAB® continuous bottle-top burette enables continuous titration, which leads to fast, convenient and accurate results.

The angled display shows 4-position titration volume in large, easily read numbers, which simplifies operation.

Turning the two hand wheels supplies the titration medium in a **continuous and pulse-free** manner via the specially developed double-piston pump.

Volume dispensed for each rotation of the the hand wheel ml 5.0

Filling procedures are not necessary.

This innovative technology increases safety; its compact design and low centre of gravity reduce risk of overturning, especially with smaller bottles.

The height and length of the discharge tube can be adjusted, making it possible to work safely with both short and tall bottles.

The innovative recirculation system **prevents the loss of valuable reagent** and reduces the risk of splashes.

With its simple-to-use calibration function, VITLAB® continuous fulfils the corresponding requirements for test equipment monitoring without instrument downtime.

Margins of error are under those specified in the DIN EN ISO 8655-3 standard, even for partial volumes.

Also available with DAkkS calibration certificate.

Included in the package VITLAB® continuous RS (GL 45 thread), 3 PP thread adapters (GL 32, GL 38 and S 40), telescopic filling tube (200 - 350 mm), telescopic discharge tube (140 - 220 mm), two microbatteries 1.5 V (LR 03/AAA), quality certificate and operating manual. Recommended range of use for VITLAB® continuous E/RS

CHARACTERISTICS:

- Volume dispensed per knob rotation: **5,0 ml**
- Accuracy coefficient of variation according to DIN EN ISO 8655-3 ($\leq \pm \%$): **0.1 to 50 ml**
- Coefficient of variation according to DIN EN ISO 8655-3 ($\leq \%$): **0.1 to 50 ml**

The VITLAB® continuous RS bottle-top burette can be used for the following titrants up to a concentration of 1 mol/L:

Acetic acid	Potassium dichromate solution
Ammonium iron (II) sulphate solution	Potassium hydroxide
Ammonium thiocyanate solution	Potassium iodate solution
Barium chloride solution	Potassium permanganate solution
Bromide bromate solution	Potassium thiocyanate solution
Cerium (IV) sulphate solution	Silver nitrate solution
EDTA solution	Sodium arsenite solution



Hydrochloric acid	Sodium carbonate solution
	Sodium chloride solution
Iron (II) sulphate solution	Sodium hydroxide
Nitric acid	Sodium nitrite solution
Oxalic acid solution	Sodium thiosulphate solution
Perchloric acid	Sulphuric acid
Potassium bromate solution	Tetra-n-butylammonium hydroxide solution
Potassium bromide / bromate solution	Zinc sulphate solution

The recommendations in this table have been carefully tested and reflect the most current information available. Always follow the instruction manual for the instrument as well as the reagent manufacturer's specifications. Should you require information on chemicals

Code	Description
561620507	VITLAB® continuous RS Volume dispensed per rotation of the hand wheel 5,0 ml