

PRO LIQUID

Sample Preparation for Analytical Chemistry



MiniDispenser

Metal free

Easy to use and to maintain

Dispensing range from 5-1500 mL per stroke depending on version

Reproducibility:
± 2 % (5 µL) to
± 0.5 % (300 µL)
± 1 % (100 µL) to
± 0.3 % (1500 µL)

Accuracy:
± 5 % (5 µL) to
± 1 % (300 µL)
± 1 % (100 µL) to
± 0.5 % (1500 µL)

Heat resistant up to 120 °C

For liquids of higher viscosity up to 60 mPa.s

Hand-held performance for precise dispensing.

The MiniDispenser is a small precision dispenser with almost unlimited applications for the reproducible dispensing and pipetting of liquids. The MiniDispenser comprises a hand-held pump unit with valves that can be screwed directly onto most bottles used in the laboratory.

Simple, one-hand operation, a wide dispensing range, and high accuracy and reproducibility make the MiniDispenser an indispensable aid for all dispensing tasks in the analytical and clinical laboratory. Typical applications include the preparation of calibration solutions and additions in AAS, ICP-OES, or ICP-MS; acidification of solutions for conservation; preparation of digestion solutions; safe dispensing of highly concentrated acids (e.g. HF or H₂SO₄); and for the determined dilution of digestions.

You can use the MiniDispenser to dispense aqueous solutions, organic solutions, acids (including HF), light-sensitive liquids, and also liquids of higher viscosity up to max. 60 mPa.s. The MiniDispenser can be used for contamination-free dispensing applications since it is not necessary to immerse a pipet into the liquid.

No liquid is wasted when using the MiniDispenser, which is an important consideration when you are dispensing expensive liquids such as high-purity acids. The MiniDispenser is a small, high-performance instrument that offers you simple and economical dispensing at an affordable price.



MiniDispenser – Liquid Dispensing System



Parts provided: Hand-held pump unit, preassembled and fully checked, with Test Certificate and User Guide.

Pump unit without bottle

Order no.	Dispensing range μL	Bottle adapters
200660	5-300	GL45, S40, 38-430 ^{*)}
200662	100-1500	GL45, S40, 38-430 ^{*)}

^{*)} GL45 for laboratory glass bottles of the type used for the Suprapur , range of chemicals.

S40 for plastic and glass bottles of the type used for the Suprapur , range of chemicals (including HF).

38-430 for plastic bottles of the type used for the OPTIMA range of chemicals from SEASTAR INC. and supplied by Fisher Scientific.

Bottle adapters can also be made to order for specific applications.

Pump unit with bottle

Order no.	Dispensing range μL	Bottle
200638	5-300	Glass, clear 1 L
200639	100-1500	Glass, clear 1 L
200640	5-300	Glass, clear 0.5 L
200641	100-1500	Glass, clear 0.5 L
200723	5-300	Narrow-neck LDPE 1 L
200725	100-1500	Narrow-neck LDPE 1 L
200724	5-300	Narrow-neck LDPE 0.5 L
200726	100-1500	Narrow-neck LDPE 0.5 L
200867	5-300	Narrow-neck FEP 1 L
200783	100-1500	Narrow-neck FEP 1 L
200869	5-300	Narrow-neck FEP 0,5 L
200876	100-1500	Narrow-neck FEP 0,5 L
200718	5-300	FEP 125 mL ^{**)}
200719	100-1500	FEP 125 mL ^{**)}

^{**)} Bottle holder 200681 recommended!

Accessories

Order no.	Description
200680	Bottle holder PP-250, for 250 mL plastic bottles as used for Suprapur , and OPTIMA chemicals
200681	Bottle holder PP-125, for 125 mL FEP/PFA-bottles



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