

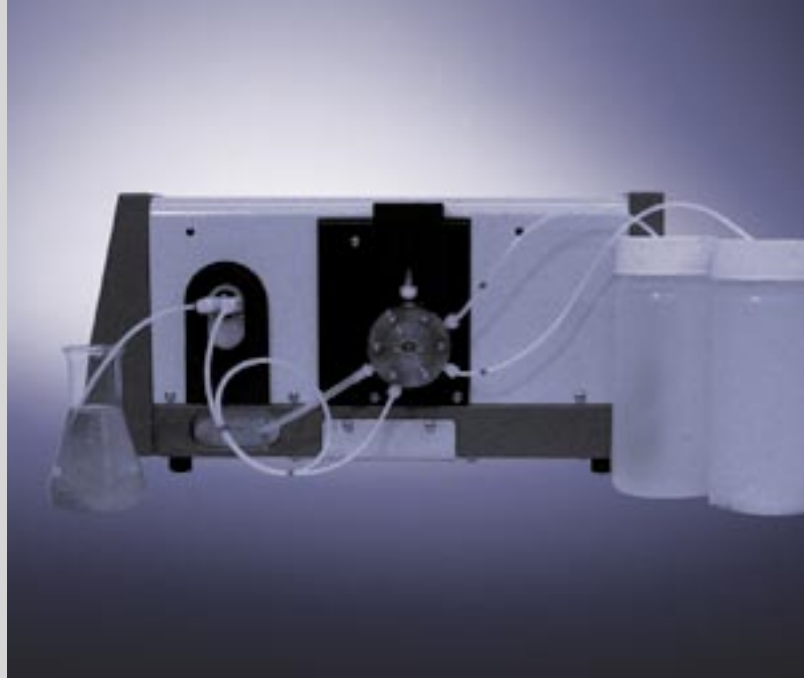
SH-3 Sample Handling Unit for DMA 4500/5000

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The SH-3 is built into the DMA 4500/5000, so it does not take up extra space on the bench top. This versatile sample handling unit is easy to use and guarantees highly repeatable measuring results.



Features

Comfortable and simple operation

- ▶ Filling and cleaning parameters can be stored for 10 different methods
- ▶ Filling and cleaning parameters are keyed in through the DMA 4500/5000 keyboard
- ▶ Combination of manual filling by syringe and automatic cleaning and drying possible
- ▶ Samples can be recovered, if needed
- ▶ Extended cleaning procedure available

Superior design

- ▶ Minimum lab space requirement
- ▶ Easy to retrofit the SH-3 into existing DMA 4500/5000 density meters
- ▶ All wetted parts made of borosilicate glass, PTFE and stainless steel
- ▶ Corrosion-resistant
- ▶ Simple installation of PTFE hoses
- ▶ Virtually maintenance-free

Applications

- ▶ Alcoholic beverages
- ▶ Soft drinks and syrups
- ▶ Chemicals
- ▶ Pharmaceuticals
- ▶ Petrochemical samples
- ▶ Flavors and fragrances

Technical specifications

Typical time for measuring and complete cleaning cycle 4 to 6 minutes

Amount of sample per measurement
Automatic filling approx. 3 to 4 ml
Manual filling by syringe approx. 1 ml

Max. sample viscosity 500 mPa.s at ambient temperature

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Instruments for:

Density & concentration measurement

Rheology and viscometry

Sample preparation

Colloid science

High-precision temperature measurement

X-ray structure analysis

CO₂ measurement



Specifications subject to change without notice.

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