

MIKROMEISTER®
MASTERING LIQUIDS

MIKROMEISTER®
BOTTLETOP DISPENSER

Reliable German Quality
excellent Value for Money



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Under the brand MIKROMEISTER® highly precise dosing equipment for the laboratory is made in Wertheim/ Germany.

Economical and ecological benefit:

- Innovative valve system allows bleeding without any loss of reagent
- Modular design and exemplary spare part service for extended lifetime

Perfect Handling:

- Rapid and precise volume adjustment
- Turnable discharge tube so that the bottle label is always visible
- Three PP-adapters for the most common bottle sizes are supplied
- Telescope intake tube easily adjusts to fit reagent bottles without cutting

Proven Safety:

- Transparent plastic sleeve protects the user from cuts and splashes if the glass breaks
- Drip-free discharge tube holder to restrict tubing movement
- Closed multi-way valve system prevents of unintended dispensing

Applications:

- High resistant materials: PTFE, PFA, Borosilicate, Platinum
- Can be autoclaved for sterile applications 121° C / 250° F
- Resistant to most acids, solvents, bases

SAFETY LOCK

Preventing unintentional reagent flow.

If you lock the 3-way-valve inadvertent dispensing is not possible. In addition to that you can evacuate the system without removing the unit from the bottle.

RAPID PRIME

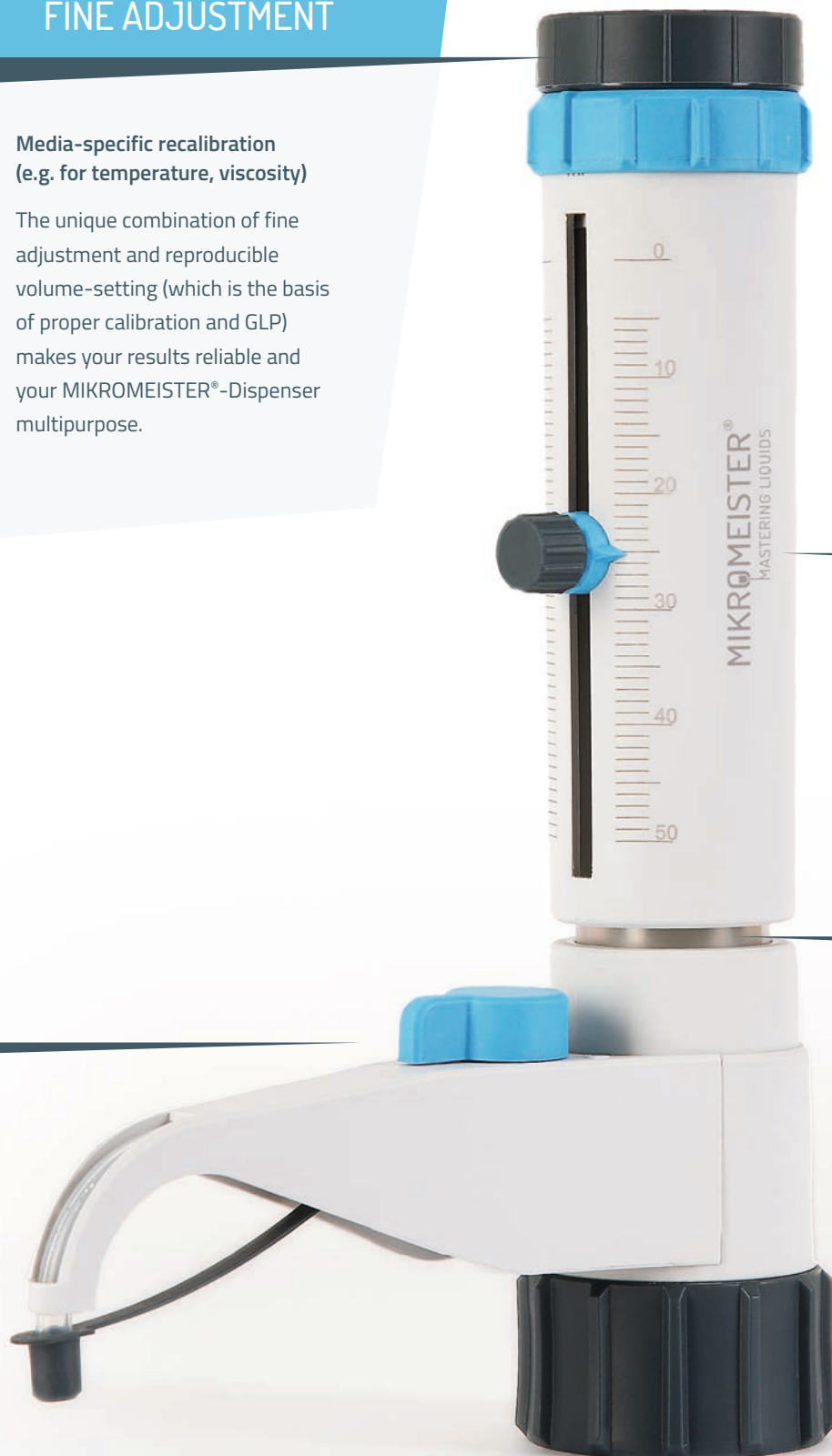
The priming system saves reagent by recirculating during bleeding.

The MIKROMEISTER® rapid-prime-system channels reagent back into the bottle, eliminating reagent waste - for safety and saving features.

FINE ADJUSTMENT

Media-specific recalibration (e.g. for temperature, viscosity)

The unique combination of fine adjustment and reproducible volume-setting (which is the basis of proper calibration and GLP) makes your results reliable and your MIKROMEISTER®-Dispenser multipurpose.



SLIDE ' N' LOCK

Easy operation by Slide ' n' Lock volume setting.

The volume setting is quick and accurate. Operation for both left-handed and right-handed.

CLEVER PISTON

Unique wiping seal eliminates swelling and freezing of piston.

The positive displacement piston is ideal for many problematic media.

Even for reagents which tend to:

- Crystallization
- Viscosity
- Foam (e.g. tensides)
- High vapor pressure

The positive displacement principle: The tightly fitting piston always wipes the walls of the glass-cylinder completely clean.

ORDERING INFORMATION AND TECHNICAL DATA

MIKROMEISTER® Dispenser

- self priming system
- media specific recalibration
- wiping seal eliminates swelling and freezing of the piston
- easy volume setting Slide'n'Lock

1 BottleTop Dispenser, 3 adapters of PP,
1 filling tube, operation manual,
certificate of calibration, 1 tool

Volume	Volume steps	Cat. No	Thread	Adapters GL	Accuracy A%	Coefficient of Variation CV%
0,25 - 2,50 ml	0,05 ml	4201	GL 32	28, 40, 45	0,6%	≤0,1%
0,50 - 5,00 ml	0,10 ml	4202	GL 32	28, 40, 45	0,5%	≤0,1%
1,00 - 10,00 ml	0,20 ml	4203	GL 32	28, 40, 45	0,5%	≤0,1%
2,50 - 25,00 ml	0,50 ml	4204	GL 45	38, 40, 38/32	0,5%	≤0,1%
5, 00 - 50,00 ml	1,00 ml	4205	GL 45	38, 40, 38/32	0,5%	≤0,1%

MIKROMEISTER® Dispenser FIX

- fixed volume for standard applications

1 BottleTop Dispenser Fix,
3 adapter of PP, 1 filling tube,
operation manual,
certificate of calibration, 1 tool

Volume	Cat. No	Thread	Adapters GL	Accuracy A%	Coefficient of Variation CV%
1,00 ml	4211	GL 32	28, 40, 45	0,6%	≤0,1%
5,00 ml	4212	GL 32	28, 40, 45	0,5%	≤0,1%
10,00 ml	4213	GL 32	28, 40, 45	0,5%	≤0,1%

MIKROMEISTER® Accessories

adapter for

MIKROMEISTER® Dispenser,
MIKROMEISTER® Dispenser FIX

Dispenser Thread	Bottle Neck	Order No. PP	Order No. PTFE
GL 32	GL 25	4110	4118
GL 32	GL 28	4111	4119
GL 32	GL 38	4112	4120
GL 32	S 40	4113	4121
GL 32	GL 45	4114	4122
GL 45	GL 32	4115	4123
GL 45	GL 38	4116	4124
GL 45	S 40	4117	4125

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