

Пипетки прямого вытеснения CARL ROTH Transferpettor, MICROMAN E

Технические характеристики

Алматы (7273)495-231
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Архангельск (8182)63-90-72
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Ярославль (4852)69-52-93

Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Direct displacement pipettes

Positive displacement pipette digital Transferpettor

BRAND.

Piston pipettes for difficult media

For foaming media (e.g. tenside solutions), high-vapour-pressure media (e.g. alcohols, ether, hydrocarbons), viscous media and high-density media (e.g. concentrated protein solutions, oils, resins, fats, glycerine, mercury, sulphuric acid).

Unlike air displacement pipettes, the piston of the positive displacement pipette is in direct contact with the liquid to be pipetted. This principle always provides precise reproducible results, regardless of the pipetting speed and the ambient conditions. Capillaries and tips can be reused, since the minimal residual wetting is negligible for most applications. Where carry-over is not permitted, such as with infectious or radioactive media, air displacement pipettes with disposable tips should be used. With DE-M marking and quality certificate.

Applications:

- Media with densities up to 13.6 g/cm³
- Viscosity up to 140,000 mm²/s (depending on size of apparatus)
- Vapour pressure up to 500 mbar
- Working temperature range 15 to 40 °C



Technical specifications:

Art. No.	NA87.1	NA88.1	NA89.1	NA90.1	NA91.1	NA92.1	NA93.1	NA94.1
Correctness	10 µl ≤ 1,0 %	25 µl ≤ 0,8 %	50 µl ≤ 0,6 %	100 µl ≤ 0,6 %	500 µl ≤ 0,5 %	1000 µl ≤ 0,5 %	5000 µl ≤ 0,5 %	10000 µl ≤ 0,5 %
Variation coefficient	10 µl ≤ 0,8 %	25 µl ≤ 0,5 %	50 µl ≤ 0,4 %	100 µl ≤ 0,4 %	500 µl ≤ 0,2 %	1000 µl ≤ 0,2 %	5000 µl ≤ 0,2 %	10000 µl ≤ 0,2 %

Not a medical device / Not an IVD product

Volume (µl)	Graduation	Colour coding	Art. No.	Pack Qty.
2.5 to 10	0,01	orange	NA87.1	1 unit(s)
5 to 25	0,1	white/white	NA88.1	1 unit(s)
10 to 50	0,1	green	NA89.1	1 unit(s)
20 to 100	0,1	blue	NA90.1	1 unit(s)
100 to 500	1,0	green	NA91.1	1 unit(s)
200 to 1000	1,0	yellow	NA92.1	1 unit(s)
1000 to 5000	10,0	red	NA93.1	1 unit(s)
2000 to 10000	10,0	orange	NA94.1	1 unit(s)

Accessories for digital Transferpettor

BRAND.

Not a medical device / Not an IVD product

Caps

Pic.	Materialspecification	Suitable for	Colour coding	Art. No.	Pack Qty.
(1)	Glass	Volume: 1, 2, 5 µl	white	NA95.1	100 unit(s)
(1)	Glass	Volume: 10 µl	orange	NA96.1	100 unit(s)
(1)	Glass	Volume: 20 µl	black	NA97.1	100 unit(s)
(1)	Glass	Volume: 25 µl	white/white	NA98.1	100 unit(s)
(1)	Glass	Volume: 50 µl	green	NA99.1	100 unit(s)
(1)	Glass	Volume: 100, 200 µl	blue/red	PA00.1	50 unit(s)
(2)	PP	Volume: 100–500 µl	green	PA01.1	10 unit(s)
(2)	PP	Volume: 200–1000 µl	yellow	PA02.1	10 unit(s)
(2)	PP	Volume: 1000–5000 µl	red	PA03.1	10 unit(s)
(2)	PP	Volume: 2000–10,000 µl	orange	PA04.1	10 unit(s)

Seals

Pic.	Materialspecification	Suitable for	Art. No.	Pack Qty.
(3)	PTFE	Volume: 20, 25 µl	PA05.1	3 unit(s)
(3)	PTFE	Volume: 50 µl	PA06.1	3 unit(s)
(3)	PTFE	Volume: 100, 200 µl	PA07.1	3 unit(s)
(4)	PE	Volume: 100–500 µl	PA08.1	10 unit(s)
(4)	PE	Volume: 200–1000 µl	PA09.1	10 unit(s)
(4)	PE	Volume: 1000–5000 µl	PA10.1	10 unit(s)
(4)	PE	Volume: 2000–10,000 µl	PA11.1	10 unit(s)

Direct displacement pipettes

Positive displacement pipette MICROMAN® E

Gilson.

Positive displacement system without air cushion between sample and piston prevents contamination as well as aerosol formation and produces precise and reproducible pipetting results. Caps fit straight out of the box, pistons and capillaries lock into place automatically ("QuickSnap system").

Conformity certified to DIN EN ISO 8655 with test protocol.
CE/IVD marking.



For problematic media, e.g.:

- Viscous media, e.g. oils, glycerol, gel loading buffer
- Media with a high vapour pressure (acetone, hexane or other solvents)
- Sterile media
- PCR/qPCR preparations
- Radioactive media
- Cold/warm solutions

Advantages:

- QuickSnap system for easy handling
- Volume lock for safe pipetting
- Ergonomically designed and comfortable handle
- Lightweight and narrow CP tips for narrow vessels

Technical specifications:

Art. No.	CTT1.1	CTT2.1	CTT3.1	CTT4.1	CTT5.1	CTT6.1
Correctness	10 µl ≤1,5 %	25 µl ≤1,2 %	50 µl ≤1,4 %	100 µl ≤1 %	250 µl ≤1 %	1000 µl ≤0,8 %
Variation coefficient	10 µl ≤0,6 %	25 µl ≤0,4 %	50 µl ≤0,6 %	100 µl ≤0,4 %	250 µl ≤0,2 %	1000 µl ≤0,4 %

Not a medical device / Not an IVD product

Type	Volume (µl)	Art. No.	Pack Qty.
M10E	1 to 10	CTT1.1	1 unit(s)
M25E	3 to 25	CTT2.1	1 unit(s)
M50E	20 to 50	CTT3.1	1 unit(s)
M100E	10 to 100	CTT4.1	1 unit(s)
M250E	50 to 250	CTT5.1	1 unit(s)
M1000E	100 to 1000	CTT6.1	1 unit(s)

Accessories CP tips for positive displacement pipettes MICROMAN® E

Gilson. Material: PP, Polyester, type CP100/CP100ST and CP250/CP250ST made of PP and PE.

Capillary piston tips, suitable for Gilson MICROMAN® and MICRO-MAN® E.

Not a medical device / Not an IVD product

Standard

Non-sterile.

Type	Volume (µl)	Suitable for	Pack.	Art. No.	Pack Qty.
CP10	1 to 10	M10E	Rack (2 x 96)	CTT7.1	192 unit(s)
CP25	3 to 25	M25E	Bag	CTT9.1	200 unit(s)
CP25	3 to 25	M25E	Rack (10 x 96)	CTX0.1	960 unit(s)
CP100	10 to 100	M100E	Rack (2 x 96)	CTX5.1	192 unit(s)
CP50	20 to 50	M50E	Bag	CTX2.1	200 unit(s)
CP50	20 to 50	M50E	Rack (10 x 96)	CTX3.1	960 unit(s)
CP250	50 to 250	M250E	Bag	CTX7.1	200 unit(s)
CP250	50 to 250	M250E	Rack (10 x 96)	CTX8.1	960 unit(s)
CP1000	100 to 1000	M1000E	Rack (2 x 91)	CTY0.1	182 unit(s)

Sterile

Sterile. Free of detectable DNA, RNA, DNase, RNase, ATP and pyrogens.

Type	Volume (µl)	Suitable for	Pack.	Art. No.	Pack Qty.
CP10ST	1 to 10	M10E	Rack (2 x 96)	CTT8.1	192 unit(s)
CP25ST	3 to 25	M25E	Rack (6 x 96)	CTX1.1	576 unit(s)
CP100ST	10 to 100	M100E	Rack (2 x 96)	CTX6.1	192 unit(s)
CP50ST	20 to 50	M50E	Rack (6 x 96)	CTX4.1	576 unit(s)
CP250ST	50 to 250	M250E	Rack (6 x 96)	CTX9.1	576 unit(s)
CP1000ST	100 to 1000	M1000E	Rack (2 x 91)	CTY1.1	182 unit(s)

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