



MICROMAN

Pipetman[®] Partner

*The
Positive
Solution*

MICROMAN[®]

Pipetman[®] Partner

Microman pipettes are the perfect companion to Pipetman[®], the world's standard for air displacement pipetting. Microman positive displacement pipette offers you a full range of precision, quality pipettes for every sample type.

Working with problem liquids?

Microman and its disposable capillary-pistons (CPs) will ensure accuracy and precision, when other pipettes just don't work. The result is a safe pipetting and high reproducibility.

Pipetting hazardous samples?

Microman prevents from contamination. Microman Bio, the autoclavable version of Microman, is especially dedicated to Molecular biology applications.

With Problem Liquids, Microman is Your Solution

When you use Microman pipettes, you can pipette easily all kinds of liquids with a high degree of accuracy and precision



Viscous & Dense Liquids

Syrups
Oil
Glue
Gelatine
Cosmetic cream
Albumin
Gely
Enzyme solutions
Plasmids

Volatile Liquids

Alcohol
Solvents

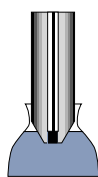
Special Liquids

Radio labelled
Mercury
Whole blood

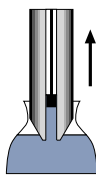


Extreme Accuracy and Precision

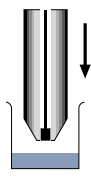
Microman are designed with the same standard as Pipetman. Due to its capillary and piston technology, Microman pipettes are permanently calibrated!



No air-to-liquid interface



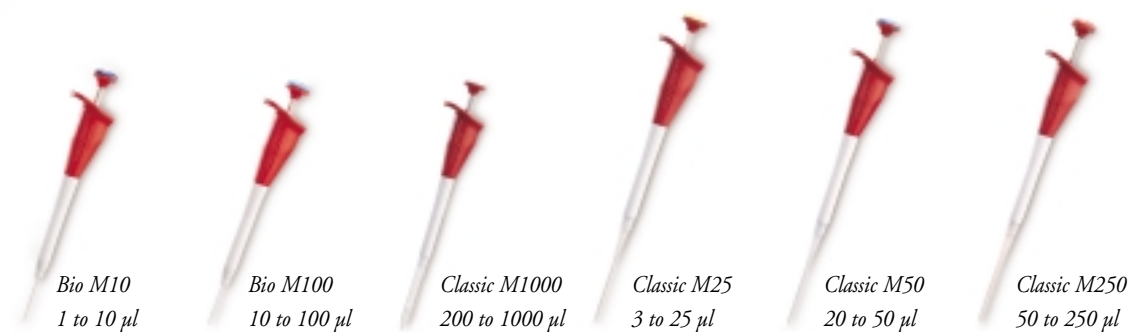
The desired volume is aspirated rapidly and completely



The positive wiping action of the piston against the capillary wall assures accurate dispensing of even the most viscous sample and avoid any carry over

*Light weight ($\approx 50\text{g}$)
contoured design for
right or left handed users*

*Slim capillaries and pistons
fit into even the smallest test tubes*



*Bio M10
1 to 10 μl*

*Bio M100
10 to 100 μl*

*Classic M1000
200 to 1000 μl*

*Classic M25
3 to 25 μl*

*Classic M50
20 to 50 μl*

*Classic M250
50 to 250 μl*

Microman Positive Displacement Pipettes From 1 μl to 1000 μl



Color coded push button

built-in tip ejector

Contamination-Free Pipetting

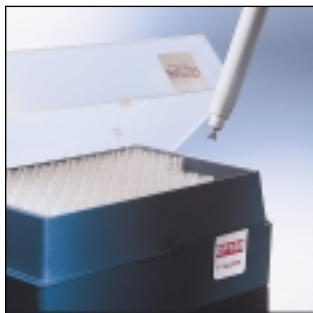
Protect your pipette

Even if you pipette aggressive liquids, no internal parts of Microman (nor the tip holder) are in contact with aerosols and corrosive vapors. There is no risk of corroded piston.

Protect your manipulation

Since no air space, there is no chance of carry over and contamination from the previous sample.

Particularly adapted for sensitive molecular biology, hazardous and radio active compounds, M10 and M100 and their CPs are autoclavable. CPs available pre-assembled sterilized and racked.

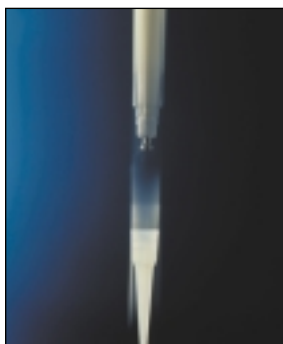


For added protection, CP10, CP100 and CP1000 are completely automatic manufactured and packaged.

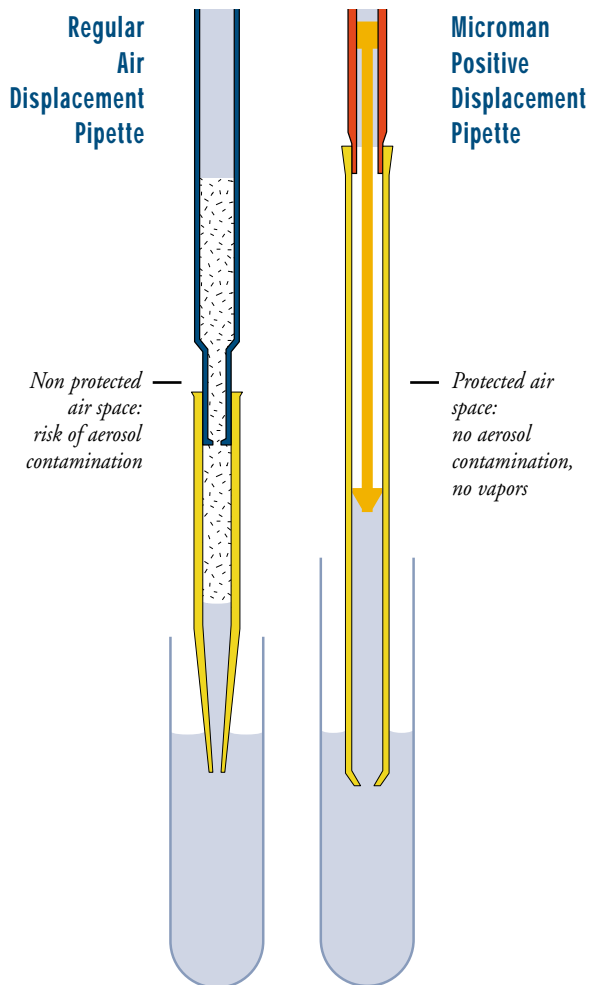
That means no contamination from

nucleases or nucleic acids. The convenient hinge box protects unused sterilized disposables from airborne contaminants.

Protect yourself



Pre-assembled capillaries and pistons are easily positioned and ejected from the pipettes without hand contacts, Microman has a built-in tip ejector. Avoid any contact with biological contaminant and radio labelled compounds.



A pipette tip is shown diagonally from the bottom left towards the top right. The tip is white with a clear section at the very end. The pipette body is a light beige color. In the top right corner, there is a circular inset showing a close-up of a pipette tip with a small amount of liquid inside. The background is white with some faint horizontal lines.

Extreme accuracy and precision

Problem liquids

Contamination-free working

Model	Disposable	Volume (μ l)	Accuracy		Precision	
			Absolute (μ l)	Relative (%)	Absolute (μ l)	Relative (%)

M10	CP10*	1	± 0.06	± 6.0	≤ 0.02	≤ 2.0
		5	± 0.10	± 2.0	≤ 0.03	≤ 0.6
		10	± 0.15	± 1.5	≤ 0.05	≤ 0.5
M25	CP25	3	± 0.15	± 5.0	≤ 0.06	≤ 2.0
		10	± 0.17	± 1.7	≤ 0.08	≤ 0.8
		25	± 0.25	± 1.0	≤ 0.10	≤ 0.4
M50	CP50	20	± 0.34	± 1.7	≤ 0.12	≤ 0.6
		50	± 0.50	± 1.0	≤ 0.15	≤ 0.3
M100	CP100*	10	± 0.50	± 5.0	≤ 0.20	≤ 2.0
		50	± 0.75	± 1.5	≤ 0.30	≤ 0.6
		100	± 1.00	± 1.0	≤ 0.40	≤ 0.4
M250	CP250	50	± 1.50	± 3.0	≤ 0.20	≤ 0.4
		100	± 1.70	± 1.7	≤ 0.30	≤ 0.3
		250	± 2.50	± 1.0	≤ 0.50	≤ 0.2
M1000	CP1000*	200	± 3.00	± 1.5	≤ 1.60	≤ 0.8
		500	± 5.00	± 1.0	≤ 2.50	≤ 0.5
		1000	± 8.00	± 0.8	≤ 4.00	≤ 0.4

**Pre-assembled disposables available racked and sterilized.*

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