



# microman<sup>®</sup>

## E



### ERGONOMIC PIPETTING FOR NON-AQUEOUS LIQUIDS

MICROMAN<sup>®</sup> E positive-displacement pipettes, along with capillary pistons, offer the highest precision when ergonomically pipetting non-aqueous samples such as viscous or volatile liquids. Working like a syringe, capillary pistons eliminate the air cushion between the sample and disposable piston. Therefore, the accuracy of the pipette is not affected by the physical properties of the sample.

### CONTAMINATION-FREE PIPETTING

Minimize the potential for pipette, sample, and human contamination with MICROMAN E. Dispose of the capillary piston (CP) tip safely with the click of the push button.



Volume-Locking Switch

### RELIABLE RESULTS EVEN WITH NON-AQUEOUS LIQUIDS

Whether a viscous, volatile, hot, or cold sample, MICROMAN E can handle the job with accuracy and precision.

Have complete confidence in your results with the new volume-locking switch that reduces the risk of accidental volume adjustment.

### PROTECT YOUR PIPETTES

Positive-displacement technology makes it the ideal pipette for volatile liquids that can contaminate and corrode mechanical pipette pistons.

## MICROMAN E

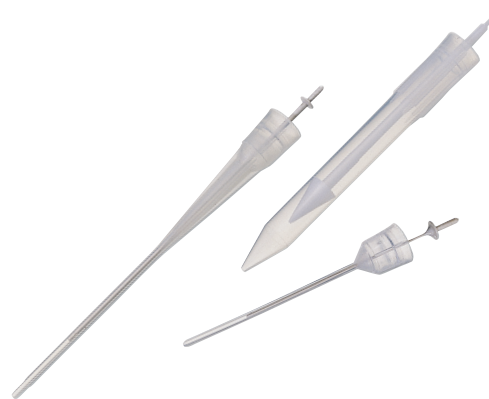
Model	Part Number	Capillary Piston	Volume	Maximum Permissible Errors			
				Gilson		ISO 8655	
				Systematic error (μL)	Random error (μL)	Systematic error (μL)	Random error (μL)
M10E	FD10001	CP10 CP10ST	1 5 10	± 0.09 ± 0.10 ± 0.15	≤ 0.03 ≤ 0.03 ≤ 0.06	± 0.2 ± 0.2 ± 0.2	≤ 0.1 ≤ 0.1 ≤ 0.1
M25E	FD10002	CP25 CP25ST	3 10 25	± 0.25 ± 0.27 ± 0.30	≤ 0.08 ≤ 0.08 ≤ 0.10	± 0.7 ± 0.7 ± 0.7	≤ 0.3 ≤ 0.3 ≤ 0.3
M50E	FD10003	CP50 CP50ST	20 50	± 0.34 ± 0.70	≤ 0.20 ≤ 0.30	± 0.7 ± 0.7	≤ 0.3 ≤ 0.3
M100E	FD10004	CP100 CP100ST	10 50 100	± 0.50 ± 0.75 ± 1.00	≤ 0.20 ≤ 0.30 ≤ 0.40	± 1.5 ± 1.5 ± 1.5	≤ 0.6 ≤ 0.6 ≤ 0.6
M250E	FD10005	CP250 CP250ST	50 100 250	± 1.50 ± 1.70 ± 2.50	≤ 0.30 ≤ 0.30 ≤ 0.50	± 6 ± 6 ± 6	≤ 2.0 ≤ 2.0 ≤ 2.0
M1000E	FD10006	CP1000 CP1000ST	100 500 1000	± 3.0 ± 5.0 ± 8.0	≤ 1.6 ≤ 2.5 ≤ 4.0	± 12 ± 12 ± 12	≤ 4.0 ≤ 4.0 ≤ 4.0

## CAPILLARY PISTONS

### 100% PROTECTION AGAINST CONTAMINATION

The disposable piston is located inside the capillary tip so users can be assured that no harmful samples will contaminate the pipette.

- Dye-free—no risk of chemical contamination.
- Slender profile—fits most tubes.



### CAPILLARY PISTONS

Capillary Piston	MICROMAN E Model	Part Number	Qty/Box
CP10	M10E	F148412	192
		F148312	960
CP25	M25E	F148112	200
		F148012	960
CP50	M50E	F148113	200
		F148013	960
CP100	M100E	F148414	192
		F148314	960
CP250	M250E	F148114	200
		F148014	960
CP1000	M1000E	F148560	182

### STERILIZED CAPILLARY PISTONS

Capillary Piston	MICROMAN E Model	Part Number	Qty/Box
CP10ST	M10E	F148413	192
		F148313	960
CP25ST	M25E	F148712	576
CP50ST	M50E	F148713	576
CP100ST	M100E	F148415	192
		F148315	960
CP250ST	M250E	F148714	576
CP1000ST	M1000E	F148180	182