



## Positive-Displacement Pipette

### **ERGONOMIC PIPETTING FOR NON-AQUEOUS LIQUIDS**



#### | Reliable Results Even with Non-Aqueous Liquids

MICROMAN<sup>®</sup> E positive-displacement pipettes, along with disposable capillary piston tips (CP), provide the highest precision when pipetting viscous, volatile or non-aqueous liquids such as oils, blood, glycerol, and more.

#### | Overall Protection

Minimize the potential for pipette, sample, and human contamination. MICROMAN E provides safety by reducing aerosol formation and cross contamination when pipetting aggressive fluids like acids, alkalis, solvents, or hazardous samples such as infectious solutions or radiolabeled components.

#### | Designed with Comfort in Mind

The Red Dot award-winning design of the MICROMAN E features an improved handle shape that rests comfortably in your hand.



**red**dot award 2015  
winner



## Reliable Results Even with Non-Aqueous Liquids

Do you experience the following issues when pipetting with air displacement pipettes?

- Viscous solutions: difficult to aspirate and stick to pipette tips
- Volatile solutions: leaks created by differences between solvent vapor pressure and the air pressure within the pipette
- Cold liquids: excess volume delivery
- Hot liquids: under-delivered volumes

Tackle these common challenges, increase precision, and maximize repeatability with MICROMAN E.

## Overall Protection

Contaminated, corrosive, or radioactive samples can generate aerosols that can cross-contaminate or damage the pipette. Combined with disposable CPs, MICROMAN E pipettes offer protection against cross-contamination, for the pipette, the sample, and the user.

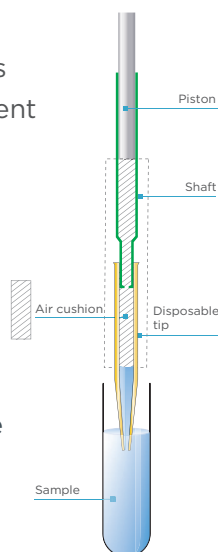
## Designed with Comfort in Mind

The unique QuickSnap feature secures the disposable CP in one easy motion, which minimizes possible errors due to additional pipetting moves. Easily eject the CP by pressing the push button and avoid any contact with the disposable CP.

The volume-control switch allows for easy volume adjustment and minimizes the risk of accidentally changing the volume during pipetting tasks.

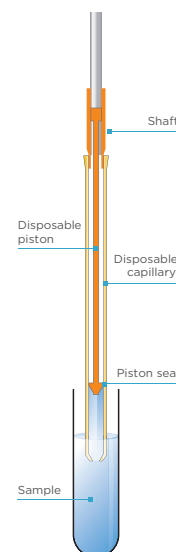
### Air-Displacement

Unprotected air space:  
Vapor and Aerosol contamination



### Positive-Displacement

No air space



MICROMAN E			
Model	Part Number	Capillary Piston	Volume (μL)
M10E	<b>FD10001</b>	CP10 CP10ST	1-10
M25E	<b>FD10002</b>	CP25 CP25ST	3-25
M50E	<b>FD10003</b>	CP50 CP50ST	20-50
M100E	<b>FD10004</b>	CP100 CP100ST	10-100
M250E	<b>FD10005</b>	CP250 CP250ST	50-250
M1000E	<b>FD10006</b>	CP1000 CP1000ST	100-1000

CAPILLARY PISTON					
Capillary Piston Model		Volume Range	MICROMAN® E Model Compatibility	CP Qty/ Commercial Unit	Part Number
TIPACK - Assembled CP	Capillary Piston 10 μL (CP10)	1 - 10 μL	M10E	192	<b>F148412</b>
				960	<b>F148312</b>
	Capillary Piston 25 μL (CP25)	3 - 25 μL	M25E	960	<b>F148012</b>
	Capillary Piston 50 μL (CP50)	20 - 50 μL	M50E	960	<b>F148013</b>
	Capillary Piston 100 μL (CP100)	10 - 100 μL	M100E	192	<b>F148414</b>
				960	<b>F148314</b>
TIPACK - Assembled Sterilized CP	Sterilized Capillary Piston 10 μL (CP10ST)	1 - 10 μL	M10E	192	<b>F148413</b>
				960	<b>F148313</b>
	Sterilized Capillary Piston 25 μL (CP25ST)	3-25 μL	M25E	576	<b>F148712</b>
	Sterilized Capillary Piston 50 μL (CP50ST)	20 - 50 μL	M50E	576	<b>F148713</b>
	Sterilized Capillary Piston 100 μL (CP100ST)	10 - 100 μL	M100E	192	<b>F148415</b>
				960	<b>F148315</b>
	Sterilized Capillary Piston 250 μL (CP250ST)	50-250 μL	M250E	576	<b>F148714</b>
	Sterilized Capillary Piston 1000 μL (CP1000ST)	100 - 1000 μL	M1000E	182	<b>F148180</b>

MICROMAN E specifications are downloadable from [www.gilson.com](http://www.gilson.com)