



Pipettors, variable volume, single channel, Microman®



Suitable for applications requiring the pipetting of viscous, volatile, dense or contaminated liquids and hazardous or radioactive compounds including molecular biology, forensic science, PCR* studies as well as environmental, petrochemical, food and beverage and cosmetic applications.

- A range of fully adjustable, positive displacement pipettors that, together with their Capillary Pistons (CPs), ensure accuracy and precision when pipetting problem liquids
- Offers full protection against cross contamination
- 3 to 4 times better than an air displacement pipettor when pipetting viscous or volatile liquids
- No contact between liquid and pipettor provides ultimate contamination protection for sample, pipettor and user
- Pipette volatile liquids without having to saturate air cushion
- From 1µL to 1,000µL

Technical Specification - Specific

Model No	M10	M25	M50	M100	M250	M1000
Volume, test, µL	1 (min.) 5 10 (max.)	3 (min.) 10 25 (max.)	20 (min.) 50 (max.)	10 (min.) 50 100 (max.)	50 (min.) 100 250 (max.)	100 (min.) 500 1,000 (max.)
Accuracy	±0.09µL ±0.10µL ±0.15µL	±0.25µL ±0.27µL ±0.30µL	±0.34µL ±0.70µL	±0.50µL ±0.75µL ±1.00µL	±1.50µL ±1.70µL ±2.50µL	±3.00µL ±5.00µL ±8.00µL
Precision	≤0.03µL ≤0.03µL ≤0.06µL	≤0.08µL ≤0.08µL ≤0.10µL	≤0.20µL ≤0.30µL	≤0.20µL ≤0.30µL ≤0.40µL	≤0.30µL ≤0.30µL ≤0.50µL	≤1.60µL ≤2.50µL ≤4.00µL

*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffman-La Roche

Catalogue No	Legacy No	Alt. No	Description	Volume range, µL
13164927	-	F148501	Microman® M10	1 to 10
13194937	-	F148502	Microman® M25	3 to 25
13164947	-	F148503	Microman® M50	20 to 50
13104917	-	F148504	Microman® M100	10 to 100
13164907	-	F148505	Microman® M250	50 to 250
13184927	-	F148506	Microman® M1000	100 to 1,000

Capillary Pistons, non-sterile

Catalogue No	Legacy No	Alt. No	Description	Material	Volume range, µL	Pack qty
13144947	-	F148012	Microman® Capillary Piston CP25	Polypropylene, polyester	3 to 25	960
13198157	-	F148013	Microman® Capillary Piston CP50	Polypropylene, polyester	20 to 50	960
13128167	-	F148014	Microman® Capillary Piston CP250	Polypropylene, polyethylene	50 to 250	960
13184957	-	F148112	Microman® Capillary Piston CP25	Polypropylene, polyester	3 to 25	200
13134927	-	F148113	Microman® Capillary Piston CP50	Polypropylene, polyester	20 to 50	200
13134897	-	F148114	Microman® Capillary Piston CP250	Polypropylene, polyethylene	50 to 250	200
13194957	-	F148312	Microman® Capillary Piston CP10	Polypropylene, polyester	1 to 10	960
13194927	-	F148314	Microman® Capillary Piston CP100	Polypropylene, polyethylene	10 to 100	960
13124897	-	F148412	Microman® Capillary Piston CP10	Polypropylene, polyester	1 to 10	192
13114947	-	F148414	Microman® Capillary Piston CP100	Polypropylene, polyethylene	10 to 100	192
13164937	-	F148560	Microman® Capillary Piston CP1000	Polypropylene, polyacetal	10 to 1,000	182

Capillary Pistons, sterile

Catalogue No	Legacy No	Alt. No	Description	Material	Volume range, µL	Pack qty
13188167	-	F148180	Microman® sterilised Capillary Piston CP1000ST	Polypropylene, polyacetal	100 to 1,000	182
13184907	-	F148313	Microman® sterilised Capillary Piston CP10ST	Polypropylene, polyester	1 to 10	960
13154927	-	F148315	Microman® sterilised Capillary Piston CP100ST	Polypropylene, polyethylene	10 to 100	960
13134917	-	F148413	Microman® sterilised Capillary Piston CP10ST	Polypropylene, polyester	1 to 10	192
13104967	-	F148415	Microman® sterilised Capillary Piston CP100ST	Polypropylene, polyethylene	10 to 100	192