

Original BenchMate®

Manual Pipette



Providing Reliable Results for Over 20 Years

Oxford Lab Products
Original BenchMate® Manual Pipette
Features and Benefits

Time-Tested Durability

The original BenchMate® pipette was first introduced in 1995 and continues to be popular in labs today

Autoclavable and UV Resistant

Fully autoclavable and UV resistant, making it great for clean rooms, aseptic, and sterile applications

Enhanced Accuracy and Precision

Hyper blowout system improves dispensing accuracy with a longer second-push stroke on single channel models

Locking Mechanism

Prevents accidental volume changes while aspirating and dispensing liquids

Four Digit Micrometer

Delivers more precise and accurate volume settings compared to a three digit micrometer

Lifetime Warranty*

Durable equipment built to last



*Lifetime warranty only available in the Continental USA

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Product Overview



Large plunger for comfortable aspirating and dispensing

Locking mechanism to prevent "pipette drift"

Glass counter window for easy cleaning and chemical resistance

Body material has a high tolerance to solvents and to drop impact

Rotating 360° handle for convenient pipetting position

Ceramic plungers are used for pipettes larger than 200µL for increased chemical resistance

PTFE (Fluorine resin) is used in the airtight chamber to enhance accuracy and reproducibility

Tip cones designed for easy tip mounting and ejection

Hyper Blowout System in single channel pipettes to improve precision and accuracy

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 Ordering Information Specifications

Single Channel BenchMate® Pipettes

Single Channel Catalog No.	Volume Range (µL)	Increments (µL)	Volume (µL)	Accuracy (systematic error) AC (%)	Precision (random error) CV (%)
OB-2	0.1 to 2	0.01	0.2 1 2	±12.0 ±5.0 ±3.0	≤6.0 ≤2.5 ≤1.0
OB-10	0.5 to 10	0.1	1 5 10	±4.0 ±1.0 ±1.0	≤3.0 ≤1.0 ≤0.5
OB-20	2 to 20	0.2	2 10 20	±5.0 ±1.0 ±1.0	≤3.0 ≤1.0 ≤0.4
OB-100	10 to 100	0.1	10 50 100	±2.0 ±1.0 ±0.8	≤1.0 ≤0.3 ≤0.3
OB-200	20 to 200	0.2	20 100 10	±1.0 ±0.8 ±1.0	≤0.5 ≤0.3 ≤0.5
OB-1000	100 to 1000	1	100 500 1000	±1.0 ±0.8 ±0.7	≤0.5 ≤0.3 ≤0.2
OB-5000	1000 to 5000	10	1000 2500 5000	±1.0 ±0.8 ±0.6	≤0.3 ≤0.3 ≤0.2
OB-10000	1000 to 10000	10	1000 5000 10000	±2.0 ±0.8 ±0.4	≤0.4 ≤0.3 ≤0.2

Multichannel BenchMate® Pipettes

8-Channel Catalog No.	12-Channel Catalog No.	Volume Range (µL)	Increments (µL)	Volume (µL)	Accuracy (systematic error) AC (%)	Precision (random error) CV (%)
OB8-10	OB12-10	0.5 to 10	0.01	1 5 10	±8.0 ±4.0 ±2.0	≤5.0 ≤2.0 ≤1.0
OB8-100	OB12-100	5 to 100	0.1	10 50 100	±3.0 ±1.0 ±0.8	≤2.0 ≤0.8 ≤0.3
OB8-200	OB12-200	20 to 200	0.2	20 100 200	±3.0 ±1.0 ±9.0	≤0.6 ≤0.4 ≤0.3
OB8-300	OB12-300	30 to 300	1	30 150 300	±3.0 ±1.0 ±0.6	≤1.0 ≤0.5 ≤0.3

BenchMate® Pipette Tips

