



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



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Product Overview



Tip cones designed for easy
tip mounting and ejection

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

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 102	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	±1.0 ±0.8	≤0.5 ≤0.3

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 ±0.9	≤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

