

**OXFORD**  
**LAB PRODUCTS**

**BenchMate® L**  
Advanced Manual Pipette



Designed by Scientists,  
Feared by Competitors

Oxford Lab Products

# BenchMate® L Advanced Manual Pipette

## Features and Benefits

### Fully Autoclavable and UV Resistant

Ideal for use in sterile applications and cell culture

### Durable

The sealing ring is tested to dispense and aspirate 600,000 times; equivalent to 6,250 96-well plates

### Solvent Resistant

The pipette body and ceramic plunger have a high tolerance to solvents to prevent corrosion

### 50/50 Balanced

Composed of lightweight plastic and components in an ergonomic design with a large finger hook and plunger

### Enhanced Accuracy and Precision

Hyper blowout system improves dispensing accuracy with a longer second-push stroke

### Four Digit Micrometer

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



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## Product Overview



### Light Plunger Force

70% Less force required to pipette when compared to the original BenchMate® pipette

### Locking Mechanism

Minimizes pipette drifting

### Glass Counter Window

Solvent tolerant and easy to clean window displays large volume digits

### Ceramic Plunger

Increased corrosion resistance when compared to stainless steel plungers

### Hyper Blower System

Improves precision and accuracy of small volumes

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Ordering Information Specifications

Single Channel Catalog No.	Volume Range (µL)	Increments (µL)	Volume (µL)	Accuracy (systematic error) AC (%)	Precision (random error) CV (%)
OBL-2	0.1 to 2	0.002	0.2 1 2	±12.0 ±5.0 ±3.0	≤6.0 ≤2.5 ≤1.0
OBL-10	1.5 to 10	0.001	1 5 10	±4.0 ±1.0 ±1.0	≤3.0 ≤1.0 ≤0.5
OBL-20	2 to 20	0.02	2 10 20	±5.0 ±1.0 ±1.0	≤3.0 ≤1.0 ≤0.4
OBL-100	10 to 100	0.1	10 50 100	±2.0 ±1.0 ±0.8	≤1.0 ≤0.3 ≤0.3
OBL-200	20 to 200	0.2	20 100 200	±1.0 ±0.8 ±0.8	≤0.5 ≤0.3 ≤0.2
OBL-1000	100 to 1000	1	100 500 1000	±1.0 ±0.8 ±0.7	≤0.5 ≤0.3 ≤0.2

## Complementary Oxford LP Products



BenchMate® E  
Electronic Pipettes



Digital Vortex Mixer  
(VM-D)



Microcentrifuge  
(C8)



Digital Plate Shaker  
(S4P-D)



High Speed Microcentrifuge  
(C12V)