



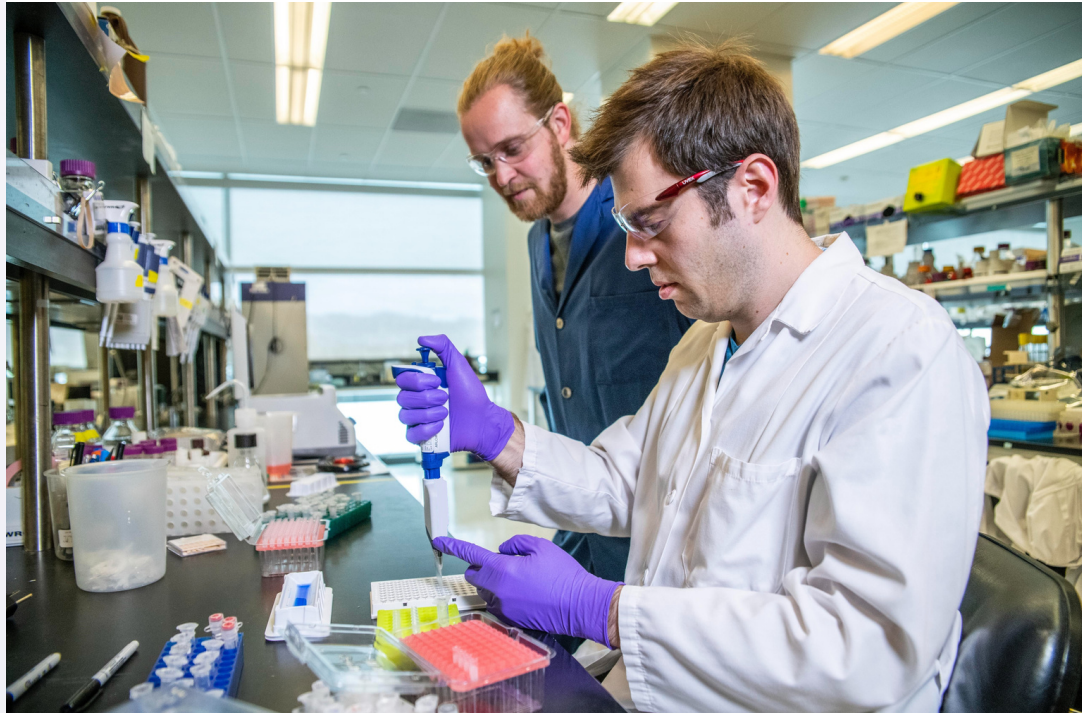
# MAGNUM<sup>®</sup> PIPETTE

DESIGNED WITH COMFORT IN MIND



## Magnum® Pipettes

In pipetting, accurate results do not depend on the pipette or the tip alone. Instead, your results depend on the right combination of both. Pipette is one of the most commonly used tools in the lab. Therefore it is necessary to make a careful evaluation the pipette features and choose the right tool for you.



### Light Weight

Magnum® pipettes are lightweight with a small handle and conveniently-placed finger hook. Made of high-density, chemical-resistant polymer, they won't crack or break even if dropped.

### More Consistent Sample Pickup

Magnum® advanced magnetic system greatly improves pipetting accuracy and reproducibility in the Magnum™ pipettes. The plunger glides smoothly at every setting, ensuring precise aspiration every time.

### No Heavy Springs

The low spring forces and low drag seals in the Magnum® models reduce the force required to push the plunger.

### Comfortable Finger Hook

Comfortable, Ergonomic Handle; Small, Lightweight, Rugged Body. The conveniently-placed finger hook allows the user to rest his hand and grip the pipette more lightly during use. The pipettes can be held in a variety of positions to further reduce repetitive strain.



## One-Handed Volume Adjustment

Simply turning the plunger allows the user to adjust volume using only one hand. The snag-proof design allows rapid adjustment even with gloves on. Easy-to-read dials show volume in micro liters, greatly reducing the chance of error.

## Volume Lock

A slight turn of the volume setting lock prevents accidental volume changes.

## Easy Maintenance

Quick-Release Tip Ejector. Easy Maintenance.

**Precision metal components for both shaft and barrel ensure reliable performance and long life**



## Ordering Information and Specifications - Single Channel

| Cat. No. | Volume Range | No. of Channels | Test volume (μl) | Increment (μl) | Rel. % | Abs. μl | Rel. cv% | Abs. sd μl |
|----------|--------------|-----------------|------------------|----------------|--------|---------|----------|------------|
| 50100002 | 0.1–2μl      | Single          | 0.2              | 0.002          | 12     | 0.024   | 6        | 0.012      |
|          |              |                 | 1                | 0.02           | 2.7    | 0.027   | 1.3      | 0.013      |
|          |              |                 | 2                | 0.02           | 1.5    | 0.03    | 0.7      | 0.014      |
| 50100010 | 0.5–10μl     | Single          | 1                | 0.02           | 2.5    | 0.025   | 1.2      | 0.012      |
|          |              |                 | 5                | 0.2            | 1.5    | 0.075   | 0.6      | 0.03       |
|          |              |                 | 10               | 0.2            | 1      | 0.1     | 0.4      | 0.04       |
| 50100020 | 2–20μl       | Single          | 2                | 0.2            | 7.5    | 0.15    | 2        | 0.04       |
|          |              |                 | 10               | 2              | 1.5    | 0.15    | 0.5      | 0.05       |
|          |              |                 | 20               | 5              | 1      | 0.2     | 0.3      | 0.06       |
| 50100050 | 5–50μl       | Single          | 5                | 2              | 7.5    | 0.15    | 2        | 0.04       |
|          |              |                 | 25               | 0.002          | 0.5    | 0.15    | 0.5      | 0.05       |
|          |              |                 | 50               | 0.02           | 1      | 0.2     | 0.3      | 0.06       |
| 50100100 | 10–100μl     | Single          | 10               | 0.02           | 3.5    | 0.35    | 1        | 0.1        |
|          |              |                 | 50               | 0.02           | 0.8    | 0.4     | 0.24     | 0.12       |
|          |              |                 | 100              | 0.2            | 0.8    | 0.8     | 0.15     | 0.15       |
| 50100200 | 20–200μl     | Single          | 20               | 0.2            | 2.5    | 0.5     | 1        | 0.2        |
|          |              |                 | 100              | 0.2            | 0.8    | 0.8     | 0.25     | 0.25       |
|          |              |                 | 200              | 2              | 0.8    | 1.6     | 0.15     | 0.3        |
| 50100300 | 30–300μl     | Single          | 30               | 5              | 2.5    | 0.5     | 1        | 0.2        |
|          |              |                 | 150              | 2              | 0.8    | 0.8     | 0.25     | 0.25       |
|          |              |                 | 300              | 0.002          | 0.8    | 1.6     | 0.15     | 0.3        |
| 50101000 | 100–1000μl   | Single          | 100              | 0.02           | 3      | 3       | 0.6      | 0.6        |
|          |              |                 | 500              | 0.02           | 0.8    | 4       | 0.2      | 1          |
|          |              |                 | 1000             | 0.02           | 0.8    | 8       | 0.15     | 1.5        |
| 50105000 | 500–5000μl   | Single          | 500              | 0.2            | 2.4    | 12      | 0.6      | 3          |
|          |              |                 | 2500             | 0.2            | 0.6    | 15      | 0.2      | 5          |
|          |              |                 | 5000             | 0.2            | 0.6    | 18      | 1.6      | 8          |
| 50110000 | 1000–10000μl | Single          | 1000             | 2              | 3      | 3       | 0.6      | 0.6        |
|          |              |                 | 5000             | 5              | 0.8    | 4       | 0.2      | 1          |
|          |              |                 | 10000            | 2              | 0.8    | 8       | 0.15     | 1.5        |



## Ordering Information and Specifications - Multi-channel

| Cat. No. | Volume Range | No. of Channels | Test volume (µl) | Increment (µl) | Rel. % | Abs. µl | Rel. cv% | Abs. sd µl |
|----------|--------------|-----------------|------------------|----------------|--------|---------|----------|------------|
| 50800050 | 5–50µl       | Eight           | 5                | 0.2            | 7.5    | 0.15    | 2        | 0.04       |
|          |              |                 | 25               | 0.002          | 1.5    | 0.15    | 0.5      | 0.05       |
|          |              |                 | 50               | 0.02           | 1      | 0.2     | 0.3      | 0.06       |
|          |              |                 | 30               | 5              | 2.5    | 0.5     | 1        | 0.2        |
| 50800300 | 30–300µl     | Eight           | 150              | 2              | 0.8    | 0.8     | 0.25     | 0.25       |
|          |              |                 | 300              | 0.002          | 1.8    | 1.6     | 0.15     | 0.3        |
|          |              |                 | 5                | 0.2            | 7.5    | 0.15    | 2        | 0.04       |
|          |              |                 | 25               | 0.002          | 1.5    | 0.15    | 0.5      | 0.05       |
| 51200050 | 5–50µl       | Twelve          | 50               | 0.02           | 1      | 0.2     | 0.3      | 0.06       |
|          |              |                 | 30               | 5              | 2.5    | 0.5     | 1        | 0.2        |
|          |              |                 | 150              | 2              | 0.8    | 0.8     | 0.25     | 0.25       |
|          |              |                 | 300              | 0.002          | 1.8    | 1.6     | 0.15     | 0.3        |

## Ordering Information - Rack

| Cat. No. | Volume Range         | No. of Pipette                      |
|----------|----------------------|-------------------------------------|
| 50100000 | Magnum® Pipette Rack | 6 Single Channel or 3 Multi-channel |



27 Old Gloucester Street,  
London, United Kingdom  
WC1N 3AX  
+44 20 8089 1900 ph  
info@newton-scientific.com  
www.newton-scientific.com