



# HiPette

## Fully Autoclavable Mechanical Pipette

The DLAB new generation fully autoclavable mechanical pipette has the best ergonomic design and ultralight weight. It has been designed keeping in mind the human form and human factors to offer smooth and effortless ergonomic pipetting experience. It is UV sterilisable and resistant to strong chemical corrosion. In addition, the volume lock helps protect from volume changing accidentally, and achieve reliable pipetting of smallest volume of liquids.



### Ultra-light ergonomic design

Light weight and light pipetting force with soft range adjustment and piston movement offers effortless & fatigue-less pipetting experience.



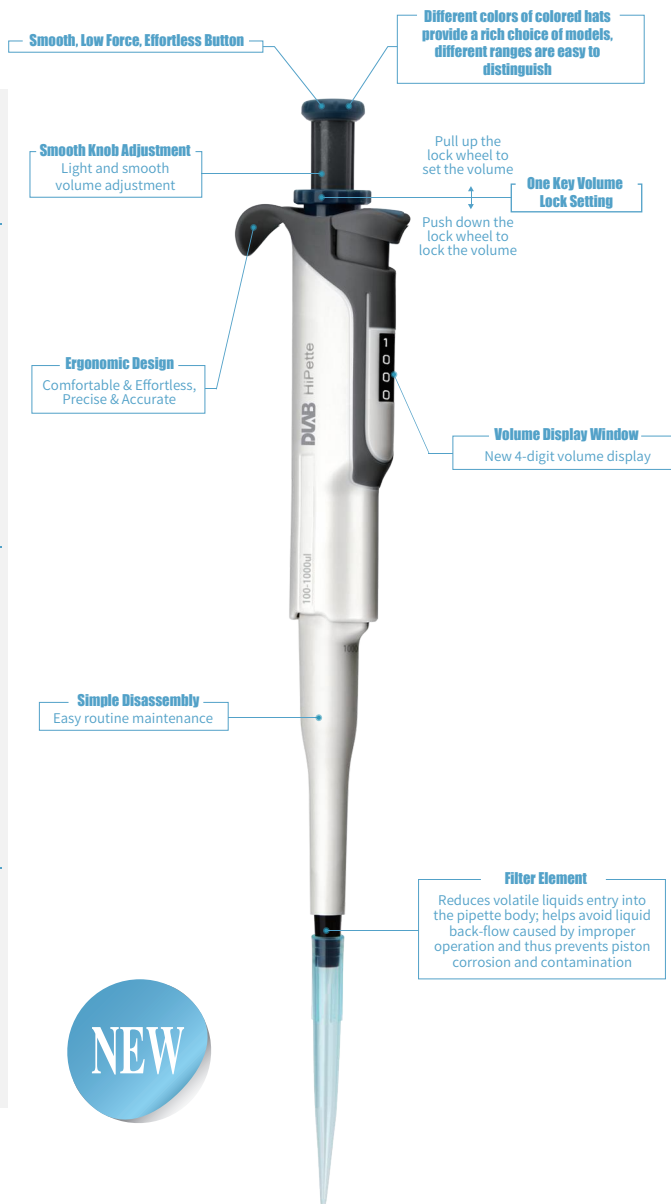
### Accurate pipetting

Special material and the updated components & technologies effectively reduces the operating force for accuracy, precision and reliability.



### Complete sterilization

The best in class pipette material used is fully autoclavable. It gives better protection against chemical & physical corrosion, and offers enhanced UV resistance for higher durability.



## Specifications

SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTES  
(10 MODELS, COVERING 0.1µL~10mL.)

| Volume Range | Increment | Test Volume | Systematic Error |       | Random Error |      |
|--------------|-----------|-------------|------------------|-------|--------------|------|
| µL           | µL        | µL          | µL               | %     | µL           | %    |
| ■ 0.1-2.5    | 0.002     | 2.5         | ±0.04            | ±1.4  | ±0.02        | ±0.7 |
|              |           | 1.25        | ±0.03            | ±2.5  | ±0.02        | ±1.5 |
|              |           | 0.25        | ±0.03            | ±12.0 | ±0.02        | ±6.0 |
| ■ 0.5-10     | 0.01      | 10          | ±0.10            | ±1.0  | ±0.04        | ±0.4 |
|              |           | 5           | ±0.08            | ±1.5  | ±0.04        | ±0.8 |
|              |           | 1           | ±0.03            | ±2.5  | ±0.02        | ±1.8 |
| ■ 2-20       | 0.02      | 20          | ±0.20            | ±1.0  | ±0.06        | ±0.3 |
|              |           | 10          | ±0.12            | ±1.2  | ±0.06        | ±0.6 |
|              |           | 2           | ±0.10            | ±5.0  | ±0.03        | ±1.5 |
| ■ 5-50       | 0.05      | 50          | ±0.45            | ±0.9  | ±0.15        | ±0.3 |
|              |           | 25          | ±0.35            | ±1.4  | ±0.20        | ±0.8 |
|              |           | 5           | ±0.15            | ±3.0  | ±0.08        | ±1.6 |
| ■ 10-100     | 0.1       | 100         | ±0.80            | ±0.8  | ±0.20        | ±0.2 |
|              |           | 50          | ±0.50            | ±1.0  | ±0.15        | ±0.3 |
|              |           | 10          | ±0.30            | ±3.0  | ±0.10        | ±1.0 |
| ■ 20-200     | 0.2       | 200         | ±1.20            | ±0.6  | ±0.40        | ±0.2 |
|              |           | 100         | ±1.00            | ±1.0  | ±0.30        | ±0.3 |
|              |           | 20          | ±0.50            | ±2.5  | ±0.14        | ±0.7 |
| ■ 30-300     | 0.2       | 300         | ±1.80            | ±0.6  | ±0.60        | ±0.2 |
|              |           | 150         | ±1.50            | ±1.0  | ±0.45        | ±0.3 |
|              |           | 30          | ±0.75            | ±2.5  | ±0.21        | ±0.7 |
| ■ 100-1000   | 1         | 1000        | ±6.00            | ±0.6  | ±2.00        | ±0.2 |
|              |           | 500         | ±5.00            | ±1.0  | ±1.00        | ±0.2 |
|              |           | 100         | ±3.00            | ±3.0  | ±0.60        | ±0.6 |
| ■ 500-5000   | 5         | 5000        | ±30.00           | ±0.6  | ±10.00       | ±0.2 |
|              |           | 2500        | ±15.00           | ±0.6  | ±7.50        | ±0.3 |
|              |           | 500         | ±12.00           | ±2.4  | ±3.00        | ±0.6 |
| ■ 1000-10000 | 10        | 10000       | ±60.00           | ±0.6  | ±20.00       | ±0.2 |
|              |           | 5000        | ±40.00           | ±0.8  | ±10.00       | ±0.2 |
|              |           | 1000        | ±30.00           | ±3.0  | ±6.00        | ±0.6 |

User calibration should refer to the industrial standard ISO8655-2.