



Liquid Handling-Pipette

Product Features:

- Covers the entire range from 0.1 μ L to 10mL.
- Digital display, clearly showing the selected volume range.
- Precise dispensing: Each pipette is calibrated according to EN/ISO 8655 standards, with accuracy and precision exceeding ISO 8655 requirements.
- 360-degree rotating button cap ensures smooth and stable liquid handling.
- Lightweight and ergonomically designed for comfort; the low force required for aspiration and dispensing helps prevent repetitive strain injuries.
- Handle hook design for easy hanging and convenient access.
- Piano wire spring assembly, offering high strength, excellent toughness, fast rebound, and no deformation, ensuring a great feel and performance.
- Removable components for easy calibration and maintenance using auxiliary tools.
- The tip connections are highly chemically stable, and the tip ejector is detachable; the lower part can be sterilized at 121°C under high pressure.



| Mechanical Pipette H-Series | | | | | | | |
|-----------------------------|------------|-------------|------------------|--------------------------------|--------|--------------------------------|--------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-H | 0.1-2.5ul | 0.05ul | 2.5ul | 2.50% | 0.0625 | 2.00% | 0.05 |
| 0.1-2.5ul | | | 1.25ul | 3.00% | 0.0375 | 3.00% | 0.0375 |
| | | | 0.25ul | 12.00% | 0.03 | 6.00% | 0.015 |
| D-H | 0.5-10ul | 0.1ul | 10ul | 1.00% | 0.1 | 0.80% | 0.08 |
| 0.5-10ul | | | 5ul | 1.50% | 0.075 | 1.50% | 0.075 |
| | | | 1ul | 2.50% | 0.025 | 1.50% | 0.015 |
| D-H | 2-20ul | 0.5ul | 20ul | 0.90% | 0.18 | 0.40% | 0.08 |
| 2-20ul | | | 10ul | 1.20% | 0.12 | 1.00% | 0.1 |
| | | | 2ul | 3.00% | 0.06 | 2.00% | 0.04 |
| D-H | 5-50ul | 0.5ul | 50ul | 0.60% | 0.3 | 0.30% | 0.15 |
| 5-50ul | | | 25ul | 0.90% | 0.225 | 0.60% | 0.15 |
| | | | 5ul | 2.00% | 0.1 | 2.00% | 0.1 |
| D-H | 10-100ul | 1ul | 100ul | 0.80% | 0.8 | 0.15% | 0.15 |
| 10-100ul | | | 50ul | 1.00% | 0.5 | 0.40% | 0.2 |
| | | | 10ul | 3.00% | 0.3 | 1.50% | 0.15 |
| D-H | 20-200ul | 1ul | 200ul | 0.60% | 1.2 | 0.15% | 0.3 |
| 20-200ul | | | 100ul | 0.80% | 0.8 | 0.30% | 0.3 |
| | | | 20ul | 3.00% | 0.6 | 1.00% | 0.2 |
| D-H | 100-1000ul | 5ul | 1000ul | 0.60% | 6 | 0.20% | 2 |
| 100-1000ul | | | 500ul | 0.70% | 3.5 | 0.25% | 1.25 |
| | | | 100ul | 2.00% | 2 | 0.70% | 0.7 |
| D-H | 0.5-5ml | 0.05ml | 5ml | 0.50% | 25 | 0.15% | 7.5 |
| 0.5-5ml | | | 2.5ml | 0.60% | 15 | 0.30% | 7.5 |
| | | | 0.5ml | 0.70% | 3.5 | 0.30% | 1.5 |
| D-H | 1-10ml | 0.1ml | 10ml | 0.60% | 60 | 0.20% | 20 |
| 1-10ml | | | 5ml | 1.20% | 60 | 0.30% | 15 |
| | | | 1ml | 3.00% | 30 | 0.60% | 6 |

Product Features

- Covers the entire range from 0.1 μ L to 10mL
- Digital display for clear visibility of the set range
- Precise dispensing, with each pipette calibrated according to EN/ISO8655 standards, exceeding both accuracy and precision of ISO8655
- 360-degree rotating button cap for smooth and stable pipetting
- Lightweight and ergonomically designed for comfortable handling, requiring minimal force for liquid aspiration and dispensing, reducing the risk of repetitive strain injuries
- Handle hook design for easy hanging and convenient access
- Piano wire spring assembly, offering high strength, good flexibility, quick rebound, and resistance to deformation, ensuring excellent feel and performance of the pipette
- Removable components for easy calibration and maintenance using accessory tools
- Entire unit can be sterilized at high temperature and pressure, highly reusable with low maintenance costs



| Mechanical Pipette F-Series | | | | | | | |
|-----------------------------|------------|-------------|------------------|--------------------------------|--------|--------------------------------|--------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-F 0.1-2.5ul | 0.1-2.5ul | 0.05ul | 2.5 | 2.50% | 0.0625 | 2.00% | 0.05 |
| | | | 1.25 | 3.00% | 0.0375 | 3.00% | 0.0375 |
| | | | 0.25 | 12.00% | 0.03 | 6.00% | 0.015 |
| D-F 0.5-10ul | 0.5-10ul | 0.1ul | 10 | 1.00% | 0.1 | 0.80% | 0.08 |
| | | | 5 | 1.50% | 0.075 | 1.50% | 0.075 |
| | | | 1 | 2.50% | 0.025 | 1.50% | 0.015 |
| D-F 2-20ul | 2-20ul | 0.5ul | 20 | 0.90% | 0.18 | 0.40% | 0.08 |
| | | | 10 | 1.20% | 0.12 | 1.00% | 0.1 |
| | | | 2 | 3.00% | 0.06 | 2.00% | 0.04 |
| D-F 5-50ul | 5-50ul | 0.5ul | 50 | 0.60% | 0.3 | 0.30% | 0.15 |
| | | | 25 | 0.90% | 0.225 | 0.60% | 0.15 |
| | | | 5 | 2.00% | 0.1 | 2.00% | 0.1 |
| D-F 10-100ul | 10-100ul | 1ul | 100 | 0.80% | 0.8 | 0.15% | 0.15 |
| | | | 50 | 1.00% | 0.5 | 0.40% | 0.2 |
| | | | 10 | 3.00% | 0.3 | 1.50% | 0.15 |
| D-F 20-200ul | 20-200ul | 1ul | 200 | 0.60% | 1.2 | 0.15% | 0.3 |
| | | | 100 | 0.80% | 0.8 | 0.30% | 0.3 |
| | | | 20 | 3.00% | 0.6 | 1.00% | 0.2 |
| D-F 100-1000ul | 100-1000ul | 5ul | 1000 | 0.60% | 6 | 0.20% | 2 |
| | | | 500 | 0.70% | 3.5 | 0.25% | 1.25 |
| | | | 100 | 2.00% | 2 | 0.70% | 0.7 |
| D-F 500-5000ul | 500-5000ul | 50ul | 5000 | 0.50% | 25 | 0.15% | 7.5 |
| | | | 2500 | 0.60% | 15 | 0.30% | 7.5 |
| | | | 500 | 0.70% | 3.5 | 0.30% | 1.5 |
| D-F 1-10ml | 1-10ml | 0.1ml | 10ml | 0.60% | 60 | 0.20% | 20 |
| | | | 5ml | 1.20% | 60 | 0.30% | 15 |
| | | | 1ml | 3.00% | 30 | 0.60% | 6 |

Product Features

- Programmable Pipetting Volume: 0.5-10 μ L, 5-50 μ L, 30-300 μ L, 100-1000 μ L.
- Rechargeable Lithium Battery: Supports both docking station and cable charging options.
- Large LCD Screen: Located on the body of the pipette, it fully replicates the operation and display methods of a manual pipette.
- Combined Knob Design: All operations can be completed through the combined knob, making it easy to use.
- Features Continuous Mixing, Continuous Dispensing, and Dilution Functions.
- Adjustable Aspiration and Dispensing Speed.
- High-Precision Stepper Motor.
- Ultra-Light Design: Streamlined shape, ergonomically designed for comfort.
- High Precision and Accuracy: Ensures accurate and parallel pipetting performance.
- Piston Components: Can be sterilized under high temperature and pressure.
- Automatic Calibration: Simply connect a USB interface balance to a computer to calibrate the device, eliminating the need for third-party calibration services.



| Electronic Pipette E+ Series | | | | | | |
|------------------------------|--------------------|------------------|--------------------------------|---------------|--------------------------------|-----|
| Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow for maximum random error | |
| | | | Accuracy | | Precision | |
| | | μl | % | μl | s.d. μL | CV% |
| 0.5-10 μL | 0.01 μL | 10 | ± 0.10 | ± 1.0 | 0.05 | 0.5 |
| | | 1 | ± 0.035 | ± 3.5 | 0.03 | 3 |
| 5-50 μL | 0.1 μL | 50 | ± 0.40 | ± 0.8 | 0.15 | 0.3 |
| | | 5 | ± 0.15 | ± 3 | 0.125 | 2.5 |
| 30-300 μL | 1 μL | 300 | ± 1.8 | ± 0.6 | 0.6 | 0.2 |
| | | 30 | ± 0.9 | ± 3.0 | 0.21 | 0.7 |
| 100-1000 μL | 5 μL | 1000 | ± 6.0 | ± 0.6 | 2 | 0.2 |
| | | 100 | ± 3.0 | ± 3.0 | 0.6 | 0.6 |

Product Features

- Covers a complete range from 0.1 μ L to 10mL.
- Digital display for clear visibility of the set range.
- Accurate dispensing, with each pipette calibrated according to EN/ISO8655 standards, achieving precision and accuracy exceeding ISO8655.
- 360-degree rotating button cap ensures smooth and stable liquid handling.
- Lightweight design that conforms to ergonomic principles, providing a comfortable grip with low force required for liquid aspiration and dispensing, minimizing the risk of repetitive strain injuries.
- Handle hook design for easy hanging and convenient access.
- Piano wire spring assembly offers high strength, good flexibility, quick rebound, and no deformation, ensuring excellent feel and performance of the pipette.
- Removable components allow for quick and easy calibration and maintenance using accessory tools.
- The tip connection exhibits high chemical stability, and the tip ejector is detachable, with the lower section capable of being sterilized at 121°C under high pressure.



| Mechanical Pipette H-Series (Multi 8 Channel) | | | | | | | |
|---|----------|-------------|------------------|--------------------------------|-------|--------------------------------|-------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-8H | 0.5-10µl | 0.1µl | 10 | 1.50% | 0.15 | 1.50% | 0.15 |
| 0.5-10µl | | | 5 | 2.50% | 0.125 | 2.50% | 0.125 |
| | | | 1 | 4.00% | 0.04 | 4.00% | 0.04 |
| D-8H | 5-50µl | 0.5µl | 50 | 1.00% | 0.5 | 0.50% | 0.25 |
| 5-50µl | | | 25 | 1.50% | 0.375 | 1.00% | 0.25 |
| | | | 5 | 3.00% | 0.15 | 2.00% | 0.1 |
| D-8H | 50-300µl | 5µl | 300 | 0.70% | 2.1 | 0.25% | 0.75 |
| 50-300µl | | | 150 | 1.00% | 1.5 | 0.50% | 0.75 |
| | | | 50 | 1.50% | 0.75 | 0.80% | 0.4 |

| Mechanical Pipette H-Series (Multi 12 Channel) | | | | | | | |
|--|----------|-------------|------------------|--------------------------------|-------|--------------------------------|-------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-12H | 0.5-10µl | 0.1µl | 10 | 1.50% | 0.15 | 1.50% | 0.15 |
| 0.5-10µl | | | 5 | 2.50% | 0.125 | 2.50% | 0.125 |
| | | | 1 | 4.00% | 0.04 | 4.00% | 0.04 |
| D-12H | 5-50µl | 0.5µl | 50 | 1.00% | 0.5 | 0.50% | 0.25 |
| 5-50µl | | | 25 | 1.50% | 0.375 | 1.00% | 0.25 |
| | | | 5 | 3.00% | 0.15 | 2.00% | 0.1 |
| D-12H | 50-300µl | 5µl | 300 | 0.70% | 2.1 | 0.25% | 0.75 |
| 50-300µl | | | 150 | 1.00% | 1.5 | 0.50% | 0.75 |
| | | | 50 | 1.50% | 0.75 | 0.80% | 0.4 |

Product Features

- Covers the entire range from 0.1 μ L to 10mL.
- Digital display window, with the set range clearly visible at a glance.
- Accurate dispensing: each pipette is calibrated according to EN/ISO8655 standards, with both accuracy and precision exceeding ISO8655 requirements.
- 360-degree rotating button cap, ensuring smooth and stable liquid handling.
- Lightweight and ergonomically designed for comfort; minimal force required for aspiration and dispensing, reducing the risk of repetitive strain injuries.
- Handle hook design for easy hanging, making it convenient to grab and use.
- Piano wire spring assembly, offering high strength, excellent flexibility, quick rebound, and resistance to deformation, ensuring a good feel and consistent performance.
- Detachable components, enabling easy and quick calibration and maintenance using accessory tools.
- Fully autoclavable, with high temperature and pressure resistance, strong reus.



| Mechanical Pipette F-Series (Multi 8 Channel) | | | | | | | |
|---|----------|-------------|------------------|--------------------------------|-------|--------------------------------|-------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-8F | 0.5-10µl | 0.1µl | 10 | 1.50% | 0.15 | 1.50% | 0.15 |
| 0.5-10µl | | | 5 | 2.50% | 0.125 | 2.50% | 0.125 |
| | | | 1 | 4.00% | 0.04 | 4.00% | 0.04 |
| D-8F | 5-50µl | 0.5µl | 50 | 1.00% | 0.5 | 0.50% | 0.25 |
| 5-50µl | | | 25 | 1.50% | 0.375 | 1.00% | 0.25 |
| | | | 5 | 3.00% | 0.15 | 2.00% | 0.1 |
| D-8F | 50-300µl | 5µl | 300 | 0.70% | 2.1 | 0.25% | 0.75 |
| 50-300µl | | | 150 | 1.00% | 1.5 | 0.50% | 0.75 |
| | | | 50 | 1.50% | 0.75 | 0.80% | 0.4 |

| Mechanical Pipette F-Series (Multi 12 Channel) | | | | | | | |
|--|----------|-------------|------------------|--------------------------------|-------|--------------------------------|-------|
| Type | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | Accuracy | | Precision | |
| | | | | % | µl | % | µl |
| D-12F | 0.5-10µl | 0.1µl | 10 | 1.50% | 0.15 | 1.50% | 0.15 |
| 0.5-10µl | | | 5 | 2.50% | 0.125 | 2.50% | 0.125 |
| | | | 1 | 4.00% | 0.04 | 4.00% | 0.04 |
| D-12F | 5-50µl | 0.5µl | 50 | 1.00% | 0.5 | 0.50% | 0.25 |
| 5-50µl | | | 25 | 1.50% | 0.375 | 1.00% | 0.25 |
| | | | 5 | 3.00% | 0.15 | 2.00% | 0.1 |
| D-12F | 50-300µl | 5µl | 300 | 0.70% | 2.1 | 0.25% | 0.75 |
| 50-300µl | | | 150 | 1.00% | 1.5 | 0.50% | 0.75 |
| | | | 50 | 1.50% | 0.75 | 0.80% | 0.4 |

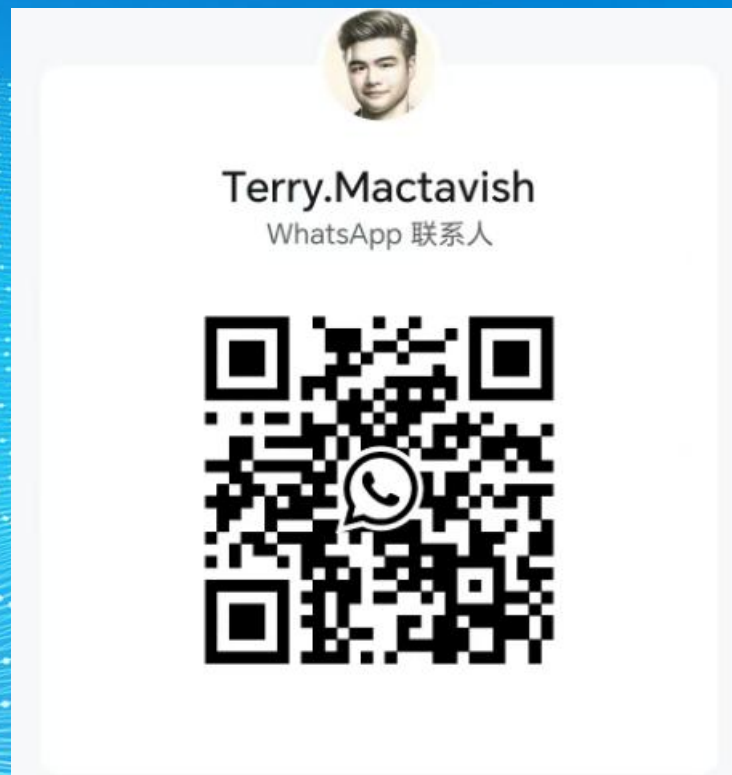
Product Features

- Wide pipetting range offers users more options, covering the entire range from 0.5 μ L to 300 μ L.
- High-precision stepper motor-driven digital control achieves better precision and accuracy.
- Ensures user experience with precise dispensing and strict quality control; each pipette is calibrated according to ISO8655-6/DIN12650 standards.
- The LCD display on the body features a simple and intuitive interface.
- Ultra-lightweight design with a streamlined shape conforms to ergonomic principles, effectively reducing operational fatigue.
- Capable of simultaneously dispensing through 8 tips, allowing for efficient and labor-saving use; the 8-channel pipette is suitable for standard 96-well plates across various volumes.
- Multiple functions enable continuous mixing, continuous dispensing, and adjustable liquid uptake and dispensing speeds.
- Equipped with a rechargeable lithium battery, supporting both cradle and direct charging methods.



| Electronic Pipette E+ Series (Multi-8 Channel) | | | | | | | | |
|--|---------|----------|-------------|------------------|--------------------------------|------|--------------------------------|------|
| Type | Channel | Range | Incremental | Measuring Volume | Allowable Maximum System Error | | Allow For Maximum Random Error | |
| | | | | | Accuracy | | Precision | |
| | | | | | % | µl | % | µl |
| Discovery-8E+ 0.5-10µl | 8 | 0.5-10uL | 0.01uL | 10 | ±0.20 | ±2.0 | ±0.10 | ±1.0 |
| | | | | 5 | ±0.20 | ±4.0 | ±0.10 | ±2.0 |
| | | | | 1 | ±0.08 | ±8.0 | ±0.05 | ±5.0 |
| Discovery-8E+ 10-100µl | 8 | 10-100uL | 0.1uL | 100 | ±0.80 | ±0.8 | ±0.30 | ±0.3 |
| | | | | 50 | ±0.50 | ±1.0 | ±0.40 | ±0.8 |
| | | | | 10 | ±0.30 | ±3.0 | ±0.20 | ±2.0 |
| Discovery-8E+ 30-300µl | 8 | 30-300uL | 1uL | 300 | ±1.80 | ±0.6 | ±0.90 | ±0.3 |
| | | | | 100 | ±1.50 | ±1.0 | ±0.75 | ±0.5 |
| | | | | 30 | ±0.90 | ±3.0 | ±0.30 | ±1.0 |

Contact Us



Phone: +86 188 2709 1392

Email: chemicals_trading@126.com

Address: Rm 305, Building
Tengjundebiyuan,

No.1658 Gumei Road, Xuhui
District, Shanghai

www.scichrolab.com