

Liquid-Handling,Pipettes

dPIPE dPIPE+



Features

High accuracy, high performance stepper motor ensures accuracy and repeatability, eliminating manual pipetting errors

- A motor driven digital control pipette with multifunction
- 2 buttons handle all operational settings
- Light weight, ergonomic design, small body dimension for easy handling that guarantees fatigue free pipetting
- Pipetting, Mixing, Stepper and Dilution (Only Multifunction Electronic Pipette)
- Pipetting, Mixing (Simple Electric Pipette)
- Adjustable speeds for aspiration and dispensing
- Li-ion battery and dual charging modes enable longer operation time
- Self calibration

Specifications

Channel	Volume Range	Increment	Test Volume	accuracy error		precision error	
	µL			µL	µL	%	s.d.*µL
1	0.5-10	0.01	10	±0.10	±1.00	0.05	0.50
			1	±0.035	±3.50	0.03	3.00
1	5-50	0.1	50	±0.40	±0.80	0.15	0.30
			5	±0.15	±3.00	0.125	2.50
1	30-300	1	300	±1.80	±0.60	0.60	0.20
			30	±0.90	±3.00	0.21	0.70
1	100-1000	5	1000	±6.00	±0.60	2.00	0.20
			100	±3.00	±3.00	0.60	0.60

* s.d. = Standard Deviation
*CV = Coefficient of Variation

Liquid-Handling,Pipettes

dPIPE+8



Features

- High accuracy and precision, time-saving and efficient
- High quality stepper motor and piston control system provide outstanding accuracy and repeatability in results, which reduce manual operation errors.
- High level ergonomic and comfortable handle design
- Lightweight and compact, to protect the user from repetitive strain injury (RSI).
- Simple to use and versatile
- Double knobs for simple and versatile control. Dispensing function reduces the pipetting steps and speeds up work.
- Dual charging mode
- Using the USB charger or charging stand to ensure uninterrupted use.

Specifications

Volume Range	Increment	Test Volume	accuracy error		precision error	
			µL	%	s.d.*µL	CV*%
0.5-1.0	0.01	10	±0.20	±2.00	0.1	1.0
		1	±0.08	±8.0	0.05	5.00
10-100	0.1	100	±0.80	±0.80	0.3	0.30
		10	±0.3	±3.00	0.2	2.00
30-300	1	300	±1.80	±0.60	0.9	0.3
		30	±0.90	±3.00	0.3	1.0

* s.d. = Standard Deviation
*CV = Coefficient of Variation

Single-channel pipette

PIPE-S5F



Description

This new single-channel pipette is well-designed, with a pipetting range from 0.1µL to 10,000µL, and uses replaceable detachable, disposable drip tips.



Specification

PIPE-S5F Fixed Volume Pipette				
Color Code	Cat. No.	Volume Range	Allowable Error of Volume (%)	Repeatability (%)
●	6015001	0.5µL	±3.8	≤ 3.0
●	6015002	1µL	±3.8	≤ 3.0
●	6015003	2µL	±3.8	≤ 3.0
●	6015004	2.5µL	±3.8	≤ 3.0
●	6015005	5µL	±3.8	≤ 3.0
●	6015006	7µL	±3.0	≤ 2.0
●	6015007	10µL	±3.0	≤ 2.0
●	6015008	15µL	±2.4	≤ 1.0
●	6015009	20µL	±2.4	≤ 1.0
●	6015010	25µL	±2.4	≤ 1.0
●	6015011	30µL	±2.4	≤ 1.0
●	6015012	40µL	±2.4	≤ 1.0
●	6015013	50µL	±2.4	≤ 1.0
●	6015014	75µL	±1.5	≤ 0.8
●	6015015	80µL	±1.5	≤ 0.8
●	6015016	100µL	±1.5	≤ 0.8
●	6015017	200µL	±1.2	≤ 0.7
●	6015018	250µL	±1.2	≤ 0.7
●	6015019	500µL	±1.2	≤ 0.7
●	6015020	1000µL	±1.0	≤ 0.5
●	6015021	2000µL	±1.0	≤ 0.5
●	6015022	2500µL	±1.0	≤ 0.5
●	6015023	5000µL	±1.0	≤ 0.5
●	6015024	10000µL	±1.0	≤ 0.5

Features

- Pipettes cover a volume range from 0.1µL to 10mL.
- Ergonomic design provides excellent operating experience.
- Large display window allows for easy volume identification.
- The suction rod of the pipette can be sterilized by high temperature and high pressure (121°C, 0.15Mpa), and can be reused.

Single-channel pipette

PIPE-S3F



Description

This new single-channel pipette is well-designed, with a pipetting range from 0.1µL to 10,000µL, and uses replaceable detachable, disposable drip tips.



Specification

PIPE-S3F Fixed Volume Pipette			
Cat. No.	Volume Range	Allowable Error of Volume (%)	Repeatability (%)
6013001	0.5µL	±4.2	≤ 2.8
6013002	1µL	±4.2	≤ 2.8
6013003	2µL	±4.0	≤ 2.6
6013004	2.5µL	±4.0	≤ 2.6
6013005	5µL	±3.8	≤ 2.4
6013006	7µL	±3.8	≤ 2.4
6013007	10µL	±3.0	≤ 2.0
6013008	15µL	±3.0	≤ 2.0
6013009	20µL	±2.4	≤ 1.0
6013010	25µL	±2.4	≤ 1.0
6013011	30µL	±2.4	≤ 1.0
6013012	40µL	±2.4	≤ 1.0
6013013	50µL	±2.4	≤ 1.0
6013014	75µL	±2.4	≤ 1.0
6013015	80µL	±2.4	≤ 1.0
6013016	100µL	±1.5	≤ 0.8
6013017	200µL	±1.2	≤ 0.7
6013018	250µL	±1.2	≤ 0.7
6013019	500µL	±1.2	≤ 0.7
6013020	1000µL	±1.0	≤ 0.5
6013021	2000µL	±1.0	≤ 0.5
6013022	2500µL	±1.0	≤ 0.5
6013023	5000µL	±1.0	≤ 0.5
6013024	10000µL	±1.0	≤ 0.5

Features

- Pipettes cover a volume range from 0.1µL to 10mL.
- Ergonomic design provides excellent operating experience.
- Large display window allows for easy volume identification.
- The suction rod of the pipette can be sterilized by high temperature and high pressure (121°C, 0.15Mpa), and can be reused.

Pipette Tips

VFT-10-R-S VFT-10L-R-S VFT-20-R-S VFT-100-R-S
 VFT-200-R-S VFT-200L-R-S VFT-200XL-R-S VFT-1000-R-S

Feature

- Our filter tip is designed to avoid cross-contamination during the experiment operation.
- It is used with single- channel and multi-channel pipettes and covers a variety of specifications to meet the different needs of experiments.
- The boxed design is particularly suitable for aseptic operation experiments such as cell culture and microbial culture, and experiments that are prone to cross-contamination such as PCR.
- It is convenient and fast without sterilization.

Description



High quality PP material



DNase/RNase FREE



Sterile



No endotoxin, Pyrogen free



The lengthened design facilitates the complete pipetting of the sample, and can effectively prevent the liquid from touching the pipette to avoid contamination



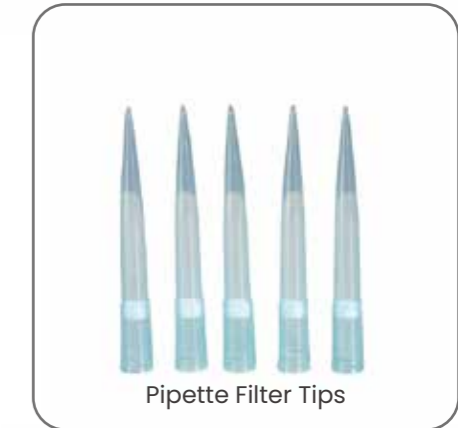
Standard size to ensure good adaptability



Pipette Filter Tips 10ul



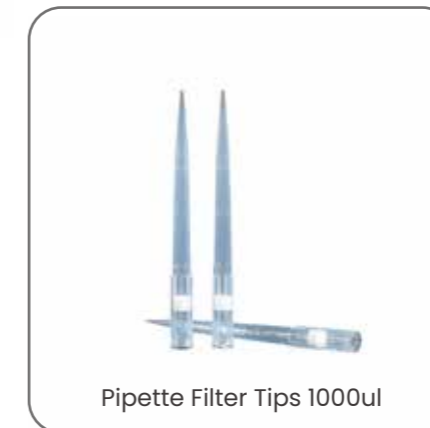
Pipette Filter Tips 200ul



Pipette Filter Tips



Pipette Filter Tips 200ul



Pipette Filter Tips 1000ul



Pipette Filter Tips 1000ul

Specifications

Model	Item description	Package info
VFT-10-R-S	10ul boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 6.7kg
VFT-10L-R-S	10ul extra long boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 6.7kg
VFT-20-R-S	20ul boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 6.7kg
VFT-100-R-S	100ul boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 7.3kg
VFT-200-R-S	200ul boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 7.3kg
VFT-200L-R-S	200ul extra long boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 7.3kg
VFT-200XL-R-S	200ul specialty long boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 620*520*280mm Gross weight: 9.2kg
VFT-1000-R-S	1000ul boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 620*520*280mm Gross weight: 13.8kg
VFT-1000L-R-S	1000ul extra long boxed filter tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 620*520*280mm Gross weight: 13.8kg
VT-10-R-S	10ul sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 6.5kg
VT-10L-R-S	10ul extra long sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 6.5kg

Model	Item description	Package info
VT-200-R-S	200ul sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 7.1kg
VT-300-R-S	300ul sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 480*400*280mm Gross weight: 7.1kg
VT-1000-R-S	1000ul sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 620*520*280mm Gross weight: 13.5kg
VT-1000L-R-S	1000ul extra long sterile boxed tips	96 pcs/box; 10 boxes/Medium size box; 5 Medium size boxes/Case Exterior size: 620*520*280mm Gross weight: 13.6kg
VFT-10-B-S	10ul bag filter tips	1000 PCS/bag, 10 bags/case
VFT-10L-B-S	10ul extra long bag filter tips	1000 PCS/bag, 10 bags/case
VFT-20-B-S	20ul bag filter tips	1000 PCS/bag, 10 bags/case
VFT-100-B-S	100ul bag filter tips	1000 PCS/bag, 10 bags/case
VFT-200-B-S	200ul bag filter tips	1000 PCS/bag, 10 bags/case
VFT-300-B-S	300ul bag filter tips	1000 PCS/bag, 10 bags/case
VFT-1000-B-S	1000ul bag filter tips	1000 PCS/bag, 5 bags/case
VFT-1000L-B-S	1000ul extra long bag filter tips	1000 PCS/bag, 5 bags/case
VT-10-B	10ul bag tips	1000 PCS/bag, 40 bags/case
VT-200-B	200ul bag tips	1000 PCS/bag, 20 bags/case
VT-1000-B	1000ul bag tips	500 PCS/bag, 20 bags/case
T-011-5ML-W	5ml sterile boxed tips (wide mouthed)	24 PCS/box, 30 boxes/box Exterior size: 700*290*285mm Gross weight: 7.3kg
T-011-5ML-N	5ml sterile boxed tips (narrow mouthed)	40 PCS/box, 30 boxes/box
T-011-10ML	10ml sterile boxed tips	24 PCS/box, 30 boxes/box Exterior size: 470*390*355mm Gross weight: 7.6kg
BS-5000-TL	5ml bag tips (wide mouthed)	50 pieces/bag, 20 bags/case
BS-5000-TS	5ml bag tips (narrow mouthed)	50 pieces/bag, 20 bags/case
BS-5000-TG	5ml bag tips (Gilson)	50 pieces/bag, 20 bags/case
BS-10000-TF	10ml bag tips (wide mouthed)	100 pieces/bag, 20 bags/case
T-10ML-N-B	10ml bag tips (narrow mouthed)	100 pieces/bag, 20 bags/case



PIPE-H

* The new generation of fully autoclavable manual pipette is lightweight, precise, stable and durable. It adopts new piston structure, metal screw structure, fluorine rubber compound sealing ring and other technologies to reduce the pipetting resistance. At the same time, it can withstand high temperature and high pressure sterilization, resist strong chemical corrosion, and have a long service life. In addition, volume lock helps achieve more precise pipetting operations.

Specifications:

Single-channel Adjustable Volume Pipettes(9 models, covering 0.1μL~10mL.)

Volume Range	Increment	Test Volume	Error limits in accordance with ISO8655-2			
			(Accuracy error)		(Precision error)	
			%	μL	%	μL
0.1-2.5μL	0.002μL	2.5μL	1.4%	0.04	0.7%	0.02
		1.25μL	2.5%	0.03	1.5%	0.02
		0.25μL	12.0%	0.03	6.0%	0.02
0.5-10μL	0.01μL	10μL	1.0%	0.10	0.4%	0.04
		5μL	1.5%	0.08	0.8%	0.04
		1μL	2.5%	0.03	1.8%	0.02
2-20μL	0.02μL	20μL	1.0%	0.20	0.3%	0.06
		10μL	1.2%	0.12	0.6%	0.06
		2μL	5.0%	0.10	1.5%	0.03
5-50μL	0.05μL	50μL	0.9%	0.45	0.3%	0.15
		25μL	1.4%	0.35	0.8%	0.20
		5μL	3.0%	0.15	1.6%	0.08
10-100μL	0.1μL	100μL	0.8%	0.80	0.2%	0.20
		50μL	1.0%	0.50	0.3%	0.15
		10μL	3.0%	0.30	1.0%	0.10
20-200μL	0.2μL	200μL	0.6%	1.20	0.2%	0.40
		100μL	1.0%	1.00	0.3%	0.30
		20μL	2.5%	0.50	0.7%	0.14
30-300μL	2μL	300μL	0.6%	1.80	0.2%	0.60
		150μL	1.0%	1.50	0.3%	0.45
		30μL	2.5%	0.75	0.7%	0.21
100-1000μL	1μL	1000μL	0.6%	6.00	0.2%	2.00
		500μL	1%	5.00	0.2%	1.00
		100μL	3%	3.00	0.6%	0.60
1000-5000μL	5μL	5000μL	0.6%	30.00	0.2%	10.00
		2500μL	0.6%	15.00	0.3%	7.5
		1000μL	1.2%	12.00	0.3%	3
2000-10000μL	10μL	10000μL	0.6%	60.00	0.2%	20
		5000μL	0.8%	40.00	0.2%	10
		2000μL	1.5%	30.00	0.3%	6

* For accurate and reliable pipette calibration pipette conforms to ISO 8655:2002 standards



PIPE-T12



PIPE-TF



PIPE-T



Features(Single Channel& Multi-Channel):

- * Pipettes cover a volume range from 0.1µL to 10mL.
- * Ergonomic design provides excellent operating experience.
- * Large display window allows for easy volume identification.
- * Easy calibration and maintenance.
- * Online calibration is available.

Features(Multi-Channel):

- * PIPE-T8 and PIPE-T12 channel pipettes are appropriate for 96 well plates.
- * Dispensing head rotates for effortless pipetting convenience.
- * Individual piston and tip cone assemblies allowing easy repair and maintenance.
- * Compound material-made tip cone secures high sealing performance.
- * Compatible with most universal tip brands.
- * Online calibration is available.



PIPE-T8



Specifications:

PIPE-T Single-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	µL	%	µL
0.1-2.5µL	0.05µL	2.5µL	2.50%	0.0625	2.00%	0.05
		1.25µL	3.00%	0.0375	3.00%	0.0375
		0.25µL	12.00%	0.03	6.00%	0.015
0.5-10µL	0.1µL	10µL	1.00%	0.1	0.80%	0.08
		5µL	1.50%	0.075	1.50%	0.075
		1µL	2.50%	0.025	1.50%	0.015
2-20µL	0.5µL	20µL	0.90%	0.18	0.40%	0.08
		10µL	1.20%	0.12	1.00%	0.1
		2µL	3.00%	0.06	2.00%	0.04
5-50µL	0.5µL	50µL	0.60%	0.3	0.30%	0.15
		25µL	0.90%	0.225	0.60%	0.15
		5µL	2.00%	0.1	2.00%	0.1
10-100µL	1µL	100µL	0.80%	0.8	0.15%	0.15
		50µL	1.00%	0.5	0.40%	0.2
		10µL	3.00%	0.3	1.50%	0.15
20-200µL	1µL	200µL	0.60%	1.2	0.15%	0.3
		100µL	0.80%	0.8	0.30%	0.3
		20µL	3.00%	0.6	1.00%	0.2
50-200µL	1µL	200µL	0.60%	1.2	0.15%	0.3
		100µL	0.80%	0.8	0.30%	0.3
		50µL	1.00%	0.5	0.40%	0.2
100-1000µL	5µL	1000µL	0.60%	6	0.20%	2
		500µL	0.70%	3.5	0.25%	1.25
		100µL	2.00%	2	0.70%	0.7
200-1000µL	5µL	1000µL	0.60%	6	0.20%	2
		500µL	0.70%	3.5	0.25%	1.25
		200µL	0.90%	1.8	0.30%	0.6
1000-5000µL	50µL	5000µL	0.50%	25	0.15%	7.5
		2500µL	0.60%	15	0.30%	7.5
		1000µL	0.70%	7	0.30%	3
2-10mL	0.1mL	10mL	0.60%	60	0.20%	20
		5mL	1.20%	60	0.30%	15
		2mL	3.00%	60	0.60%	12

Specifications:

PIPE-T8-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

PIPE-T12-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

PIPE-TF Fixed Volume Pipette						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	µL	%	µL
5µL	–	5µL	1.3%	0.065	1.2%	0.06
10µL	–	10µL	0.8%	0.08	0.8%	0.08
20µL	–	20µL	0.6%	0.12	0.5%	0.1
25µL	–	25µL	0.5%	0.125	0.3%	0.075
50µL	–	50µL	0.5%	0.25	0.3%	0.15
100µL	–	100µL	0.5%	0.5	0.3%	0.3
200µL	–	200µL	0.4%	0.8	0.2%	0.4
250µL	–	250µL	0.4%	1.0	0.2%	0.5
500µL	–	500µL	0.3%	1.5	0.2%	1.0
1000µL	–	1000µL	0.3%	3.0	0.2%	2.0
2000µL	–	2000µL	0.3%	6.0	0.15%	3.0
5000µL	–	5000µL	0.3%	15	0.15%	7.5

Features:

- * High accuracy, high performance stepper motor ensures accuracy and repeatability, eliminating manual pipetting errors
- * A motor driven digital control pipette with multifunction
- * 2 buttons handle all operational settings
- * Light weight, ergonomic design, small body dimension for easy handling that guarantees fatigue free pipetting
- * Pipetting, Mixing, Stepper and Dilution (Only Multifunction Electronic Pipette)
- * Pipetting, Mixing (Simple Electric Pipette)
- * Adjustable speeds for aspiration and dispensing
- * Li-ion battery and dual charging modes enable longer operation time
- * Self calibration



Specifications:

Channel	Volume Range	Increment	Test Volume	accuracy error		precision error	
	μL			μL	μL	μL	%
1	0.5-10	0.01	10	±0.10	±1.00	0.05	0.50
			1	±0.035	±3.50	0.03	3.00
1	5-50	0.1	50	±0.40	±0.80	0.15	0.30
			5	±0.15	±3.00	0.125	2.50
1	30-300	1	300	±1.80	±0.60	0.60	0.20
			30	±0.90	±3.00	0.21	0.70
1	100-1000	5	1000	±6.00	±0.60	2.00	0.20
			100	±3.00	±3.00	0.60	0.60

* s.d. = Standard Deviation

* CV = Coefficient of Variation

Features:

- * High accuracy and precision, time-saving and efficient
- High quality stepper motor and piston control system provide outstanding accuracy and repeatability in results, which reduce manual operation errors.
- High level ergonomic and comfortable handle design
- Lightweight and compact, to protect the user from repetitive strain injury (RSI).
- Simple to use and versatile
- Double knobs for simple and versatile control. Dispensing function reduces the pipetting steps and speeds up work.
- Dual charging mode
- Using the USB charger or charging stand to ensure uninterrupted use.



Specifications:

Volume Range	Increment	Test Volume	Accuracy error		Precision error	
			μL	%	SD*μL	CV*%
0.5-1.0	0.01	10	±0.20	±2.00	0.1	1.0
		1	±0.08	±8.0	0.05	5.00
10-100	0.1	100	±0.80	±0.80	0.3	0.30
		10	±0.3	±3.00	0.2	2.00
30-300	1	300	±1.80	±0.60	0.9	0.3
		30	±0.90	±3.00	0.3	1.0

* s.d. = Standard Deviation

* CV = Coefficient of Variation



PIPE-LP



Features:

- * Compatible with most of the plastic and glass pipettes from 0.1 -100mL
- * Six different speed modes for aspiration and dispensing different liquids
- * Large LCD display showing low battery warning and speed settings
- * Enables single-handed operation with minimum effort
- * Light and ergonomic design providing easy usability
- * High capacity Li-ion battery enable long runtime of operation
- * Powerful pump fills a 25mL pipette in<5 seconds
- * 0.45µm replaceable hydrophobic filter
- * Rechargeable during use



Specifications:

Aspiration Speed	25mL<5s (6 shift)
Dispensing Speed	Motor (6 shift)/Gravity
Battery	Lithium-ion
Battery Service Life	More than 8 Hours of Intermittence Use
Charging Time	2-3 Hours
Pipette Types	Glass or Plastic Pipette (0.1-100mL), Pasteur Pipettes
Filter	0.45µm Hydrophobic
weight	200g



PIPE-MP



PIPE-MP8



Features(Single Channel& Multi-Channel):

- * Fully autoclavable
- * Ergonomic design provides excellent operating experience
- * Easy-to-read volume display
- * The pipettes cover the volume range from 0.1 μ L to 5mL
- * Easy calibration and maintenance
- * Manufactured from innovative materials
- * Online calibration is available

Features(Multi-Channel):

- * Dispensing head rotates for effortless pipetting convenience
- * Individual piston and tip cone assembly allow for easy repair and maintenance
- * Compound material-made tip cone secures high sealing performance
- * Compatible with most universal tip brands
- * Online calibration is available



PIPE-MP12



PIPE-MPF



Specifications:

Single-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	μL	%	μL
0.1-2.5μL	0.05μL	2.5μL	2.50%	0.0625	2.00%	0.05
		1.25μL	3.00%	0.0375	3.00%	0.0375
		0.25μL	12.00%	0.03	6.00%	0.015
0.5-10μL	0.1μL	10μL	1.00%	0.1	0.80%	0.08
		5μL	1.50%	0.075	1.50%	0.075
		1μL	2.50%	0.025	1.50%	0.015
2-20μL	0.5μL	20μL	0.90%	0.18	0.40%	0.08
		10μL	1.20%	0.12	1.00%	0.1
		2μL	3.00%	0.06	2.00%	0.04
5-50μL	0.5μL	50μL	0.60%	0.3	0.30%	0.15
		25μL	0.90%	0.225	0.60%	0.15
		5μL	2.00%	0.1	2.00%	0.1
10-100μL	1μL	100μL	0.80%	0.8	0.15%	0.15
		50μL	1.00%	0.5	0.40%	0.2
		10μL	3.00%	0.3	1.50%	0.15
20-200μL	1μL	200μL	0.60%	1.2	0.15%	0.3
		100μL	0.80%	0.8	0.30%	0.3
		20μL	3.00%	0.6	1.00%	0.2
50-200μL	1μL	200μL	0.60%	1.2	0.15%	0.3
		100μL	0.80%	0.8	0.30%	0.3
		50μL	1.00%	0.5	0.40%	0.2
100-1000μL	5μL	1000μL	0.60%	6	0.20%	2
		500μL	0.70%	3.5	0.25%	1.25
		100μL	2.00%	2	0.70%	0.7
200-1000μL	5μL	1000μL	0.60%	6	0.20%	2
		500μL	0.70%	3.5	0.25%	1.25
		200μL	0.90%	1.8	0.30%	0.6
1000-5000μL	50μL	5000μL	0.50%	25	0.15%	7.5
		2500μL	0.60%	15	0.30%	7.5
		1000μL	0.70%	7	0.30%	3

Specifications:

8-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	μL	%	μL
0.5-10μL	0.1μL	10μL	1.50%	0.15	1.50%	0.15
		5μL	2.50%	0.125	2.50%	0.125
		1μL	4.00%	0.04	4.00%	0.04
5-50μL	0.5μL	50μL	1.00%	0.5	0.50%	0.25
		25μL	1.50%	0.375	1.00%	0.25
		5μL	3.00%	0.15	2.00%	0.1
50-300μL	5μL	300μL	0.70%	2.1	0.25%	0.75
		150μL	1.00%	1.5	0.50%	0.75
		50μL	1.50%	0.75	0.80%	0.4

12-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	μL	%	μL
0.5-10μL	0.1μL	10μL	1.50%	0.15	1.50%	0.15
		5μL	2.50%	0.125	2.50%	0.125
		1μL	4.00%	0.04	4.00%	0.04
5-50μL	0.5μL	50μL	1.00%	0.5	0.50%	0.25
		25μL	1.50%	0.375	1.00%	0.25
		5μL	3.00%	0.15	2.00%	0.1
50-300μL	5μL	300μL	0.70%	2.1	0.25%	0.75
		150μL	1.00%	1.5	0.50%	0.75
		50μL	1.50%	0.75	0.80%	0.4

Fixed Volume Pipette						
Volume Range	Increment	Test Volume	(Accuracy error)		(Precision error)	
			%	μL	%	μL
5μL	—	5μL	1.3%	0.065	1.2%	0.06
10μL	—	10μL	0.8%	0.08	0.8%	0.08
20μL	—	20μL	0.6%	0.12	0.5%	0.1
25μL	—	25μL	0.5%	0.125	0.3%	0.075
50μL	—	50μL	0.5%	0.25	0.3%	0.15
100μL	—	100μL	0.5%	0.5	0.3%	0.3
200μL	—	200μL	0.4%	0.8	0.2%	0.4
250μL	—	250μL	0.4%	1.0	0.2%	0.5
500μL	—	500μL	0.3%	1.5	0.2%	1.0
1000μL	—	1000μL	0.3%	3.0	0.2%	2.0
2000μL	—	2000μL	0.3%	6.0	0.15%	3.0
5000μL	—	5000μL	0.3%	15	0.15%	7.5



PIPE-DSP

Features:

- * Light and ergonomic solution provides easy usability.
 - * Single-handed operation.
 - * Volume range from 10µL to 5mL.
 - * Up to 48 dispensing steps.
 - * Maintenance free.
 - * Equipped with durable tip.
 - * insertion lever.
 - * Fits seven sizes of disposable polypropylene syringes from 0.5mL to 50mL.
- * Stepper tips are particularly suitable for dispensing of fluids with high viscosity, high vapor pressure etc. Tips are made from high-quality materials (Cylinder: PP, Piston: PE-HD) without soft lubricants or other additives.

Specifications:

Dial setting		1	2	3	4	5			
Number of steps		48	23	15	11	8			
Cat. No.	Syringe volume (mL)	Sample volume (µL)					A %	P %	Description
17900032	0.50	10	20	30	40	50	± 0.8	≤ 0.7	0.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900033	1.25	25	50	75	100	125	± 0.8	≤ 0.5	1.25mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900034	2.50	50	100	150	200	250	± 0.8	≤ 0.4	2.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900035	5.00	100	200	300	400	500	± 0.4	≤ 0.3	5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900036	12.50	250	500	750	1000	1250	± 0.3	≤ 0.3	12.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900037	25.00	500	1000	1500	2000	2500	± 0.2	≤ 0.3	25mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900038	50.00	1000	2000	3000	4000	5000	± 0.2	≤ 0.2	50mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing

* Note: The first and last dispensing liquid should be discarded for precision.



PIPE-L



Features:

- * Ease of use
- * Precise pipetting control
- * Robust and light weight
- * Compatible with most of the plastic and glass pipettes from 0.1 -100mL
- * 3µm replaceable hydrophobic filter
- * Easy for cleaning and maintenance



PIPE-LE



Features:

- * Volume capacity 2mL, 10mL and 25mL
- * Colour-coded by volume with green, blue and red
- * Thumb wheel guarantees precise operation
- * Resistant to acids and alkalis
- * Easy for cleaning and maintenance



PIPE-LM



Features:

- * Enables single-handed operation with minimum effort
- * Compatible with most of the plastic and glass pipettes from 0.1-100mL
- * Easily adjustable speed control
- * 0.45µm replaceable hydrophobic filter
- * Stable and reliable performance, elegant appearance
- * High capacity Li-ion battery enable long operation time

Specifications:

Aspiration Speed	25mL<7s
Dispensing Speed	Motor/Gravity
Battery	Lithium-ion
Battery Service Life	More than 8 Hours of Intermittence Use
Charging Time	2-3 Hours
Pipette Types	Glass or Plastic Pipette (0.1-100mL), Pasteur Pipettes
Filter	0.45µm Hydrophobic
Weight	200g