

03

LIQUID HANDLING



Precipette™ SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTE



Features:

- Ergonomic design of low plunger pressure avoids repetitive strain injuries
- Volume range of 0.1ul -10ml
- Large 4-position volume display and high display accuracy up to 0.002ul
- Durable high-tech synthetic material provides excellent resistance to high temperature, corrosion and weather
- Reasonable structure and exquisite technology make flexible assembling and disassembling.
- Tip ejector makes easy and quick tip change
- High-elastic tip cone provides good seal and easy removal of tips
- Easy to calibrate and maintain with tools supplied
- Different volume range is identified by different color top
- Calibrated in accordance with ISO8655 and each pipette supplied with individual test certificate
- The lower section can be autoclaved



SPECIFICATIONS:

Precipette™ SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTE

Model	Volume Range	Increment	Tip Type	Color	
LH0301001	0.1-2.0µl	0.002µl	10µl	Brown	
LH0301002	0.5-10µl	0.01µl	10µl	Orange	
LH0301003	2-20µl	0.02µl	200µl	Purple	
LH0301004	5-50µl	0.05µl	200µl	Green	
LH0301005	10-100µl	0.1µl	200µl	Dark Blue	
LH0301006	20-200µl	0.2µl	200µl	Blue	
LH0301007	100-1000µl	1µl	1000µl	Red	
LH0301008	1000-5000µl	5µl	5ml	Yellow	
LH0301009	1-10ml	10µl	10ml	Grey	

ADJUSTABLE VOLUME PIPETTE

Features:

- Ergonomic design
- Volume range of 0.1ul to 10ml
- Digital display clearly reads volume setting
- Easy to calibrate and maintain with the tool supplied
- Safe tip cone filters can prevent internal contamination and damage on pipette
- The tip core can be autoclaved (121°C, 20 minutes)
- Calibration, maintenance and repair services can be available to extend the lifetime and ensure the continuous accuracy





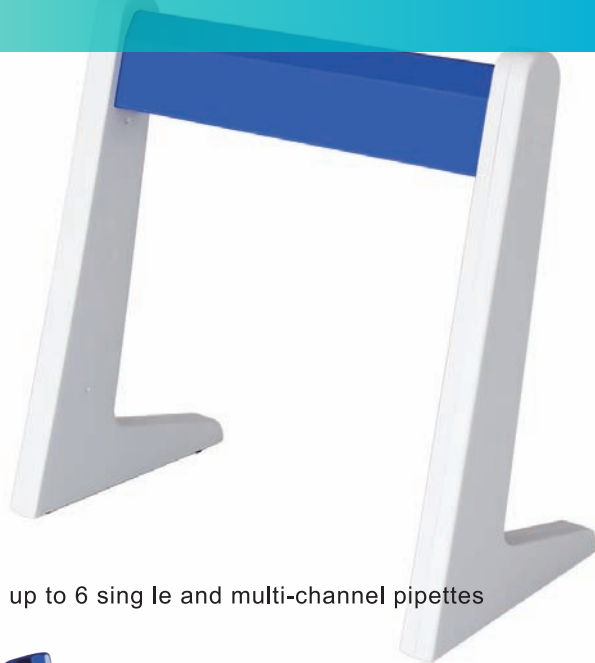
SPECIFICATIONS:

SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTE				
Model	Volume Range	Increment	Maximum permissible systematic error (Inaccuracy)	Maximum permissible systematic error (Imprecision)
TS-GP-01	0.1-2.5µl	0.05ul	±2.5%	0.02
TS-GP-02	0.5-10µl	0.1ul	±1.0%	±2.5%
TS-GP-03	2-20µl	0.5ul	±0.9%	0.004
TS-GP-04	5-50µl	0.5ul	±0.6%	0.03%
TS-GP-05	10-100µl	1ul	±0.8%	0.0015
TS-GP-06	20-200µl	1ul	±0.6%	0.15%
TS-GP-07	100-1000µl	5ul	±0.6%	0.002
TS-GP-08	1000-5000µl	50ul	±0.5%	0.15%
TS-GP-09	1-10ml	100ul	±0.6%	0.002

SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTE				
Model	Volume Range	Increment	Maximum permissible systematic error (Inaccuracy)	Maximum permissible systematic error (Imprecision)
TS-SP-12	0.5-10µl	0.1ul	±1.5%	1.50%
TS-SP-13	5-50µl	0.5ul	±1.0%	0.50%
TS-SP-14	50-300µl	5ul	±0.7%	0.25%

SINGLE-CHANNEL ADJUSTABLE VOLUME PIPETTE				
Model	Volume Range	Increment	Maximum permissible systematic error (Inaccuracy)	Maximum permissible systematic error (Imprecision)
TS-SP-15	0.5-10µl	0.1ul	±1.5%	1.50%
TS-SP-16	5-50µl	0.5ul	±1.0%	0.50%
TS-SP-17	50-300µl	5ul	±0.7%	0.25%

PIPETTE STAND



- The linear stand can hold up to 6 single and multi-channel pipettes



BOTTLE-TOP DISPENSER

Features:

- Excellent chemical resistance
- Fully autoclavable at 121°C
- 4 range of bottle-top dispenser cover a volume range from 0.5 mL to 50mL
- Easy to clean and maintain
- The optional flexible discharge tube with safety handle permits fast and precise dispensing
- Made of PTFE, FEP, BSG, PP
- Vapor pressure Max. 500mbar, viscosity max. 500mm²/s, temperature max. 40 degree, density max. 2.2g/cm³
- 5 adapters of 45/40mm, 45/32mm, 45/38mm, 32/25mm, 32/28mm are supplied with the dispenser



ACCESSORIES

Adapter 45/40mm

Adapter 45/32mm

Adapter 45/38mm

Adapter 32/25mm

Adapter 32/28mm

Reagent Bottle (Brown, 1L)

Filling tube (m)

Discharge tube (m)

PIPETTE FILLER



Features:

- For use with pipettes from 0.1-100mL
- Eight speeds are available for aspirate and dispense liquid
- Large LCD display provides visual confirmation of remaining battery charge and speed settings
- Easy for one-handed operation
- Lightweight, ergonomic design allow longer, fatigue-free pipetting
- Efficient lithium-ion battery offers long runtime on each charge
- Low battery alert
- Powerful motor fills a 25mL in < 5 seconds
- Supplied with integral but replaceable 0.45um filter
- Can be used while charging

SPECIFICATIONS:

Model	TD-PF-01
Aspirate Speeds	8
Dispense Speeds	8 Gravity Dispense
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

PIPETTE CONTROLLER

Features:

- Works with 0.1-100mL graduated glass and plastic pipettes
- Filling and delivery are easily controlled with a small sensitive lever
- With integral and replaceable filter
- Precise pipetting control
- Blue, Green, Red, Yellow and black are available

Blow-out and discharge liquid
by pressing down on the lever

Filling and the fill rate can be
varied with the pipetting lever

Delivery and the flow rate does not
affect accuracy due to the valve system



PIPETTE PUMP



Features:

- Precise aspirating and dispensing by one-hand operation
- 2ml in blue, 10ml in green and 25ml in red are available
- Resistant to acids and alkalis
- Easy to disassemble for cleaning