



SCIOLOGEX

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DISTILLING & MIXING



THERMO CONTROL

CENTRIFUGES



LIQUID HANDLING

# Pipette Filler

## Levo Plus Pipette Filler

### Features

- Compatible with most of the plastic and glass pipettes from 0.1 -100mL
- Eight speeds of selection 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

Large LCD display showing low battery warning and speed settings

Select the desired coarse speed by pressing the button +/-

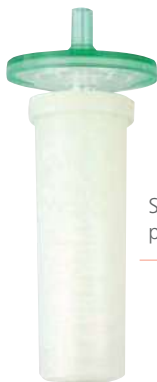


Aspiration and dispensing operation buttons

Operating button for motor and gravity dispensing



Hydrophobic filter 0.45µm



Silicone adapter for 0.1-100mL pipette tip, fully autoclavable

### Specifications

Aspiration Speed	25mL<5s (8 shift)
Dispensing Speed	Motor (8 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

## Levo ME Pipette Filler

Levo ME pipette filler has an excellent feature and ergonomic design, suitable for almost all commonly used glass or plastic pipettes.

### 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

# Pipette Controllers & Pumps

## Levo Pipette Controller

### 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 cleaning and maintenance



Compress the suction bellows before attaching the pipette

Button to expel residual liquid when using blow-out pipette

Aspiration and dispensing comfortably achieved with a sensitive lever

## Levo E Pipette Pump

### 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



3µm replaceable Hydrophobic filter

Silicone adapter for 0.1-100mL pipette tip, fully autoclavable



Designed for single-handed operation, Pipette Pump identifies itself with a thumbwheel, allowing precise aspiration or dispensing. The feature of side lever enables complete liquid dispensing, without a droplet remaining.





# Repeat pipettor

Based on the principle of positive displacement, StepMate Stepper is designed for trouble-free and reliable dispensing of liquids, especially for high viscosity, high density and high vapor pressure. The 48-step dispensing allows for enhanced accuracy and usability.

## StepMate

### Features

- Light and ergonomic solution provides easy usability
- Single-handed operation
- Volume range from 1  $\mu$ L to 5 mL
- 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

Optimized for smooth dispensing of even the smallest volumes

Five easy-to-select settings control dispensing volume

By pushing the slide upwards, the syringe is filled up

### How to select dispensing volume

Find the required dispensing volume in the table  
Use the adjusting wheel to set the required volume  
Select and insert a suitable tip  
Follow the maximum dispensing steps

Tip volume

Dispensing Volume

Tips	Sel.	1	2	3	4	5
0.05ml		1 $\mu$ L	2 $\mu$ L	3 $\mu$ L	4 $\mu$ L	5 $\mu$ L
0.50ml		10 $\mu$ L	20 $\mu$ L	30 $\mu$ L	40 $\mu$ L	50 $\mu$ L
1.25ml		25 $\mu$ L	50 $\mu$ L	75 $\mu$ L	100 $\mu$ L	125 $\mu$ L
2.50ml		50 $\mu$ L	100 $\mu$ L	150 $\mu$ L	200 $\mu$ L	250 $\mu$ L
5.00ml		100 $\mu$ L	200 $\mu$ L	300 $\mu$ L	400 $\mu$ L	500 $\mu$ L
12.50ml		250 $\mu$ L	500 $\mu$ L	750 $\mu$ L	1000 $\mu$ L	1250 $\mu$ L
25.00ml		500 $\mu$ L	1000 $\mu$ L	1500 $\mu$ L	2000 $\mu$ L	2500 $\mu$ L
50.00ml		1000 $\mu$ L	2000 $\mu$ L	3000 $\mu$ L	4000 $\mu$ L	5000 $\mu$ L
Steps		48	23	15	11	8

Steps

The stop lever secures the syringe



## Repeat pipettor



The SCIOLOGEX repeat pipettor is 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

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

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, 2pcs/packing with 1 pc adapter
17900038	50.00	1000	2000	3000	4000	5000	± 0.2	≤ 0.2	50mL, piston PE-HD, cylinder PP, 1 packing, 2pcs/packing with 1 pc adapter

# Electronic Motorized Bottle-Top Burette

## iTrite Electronic Titrator

The iTrite Digital Burette provides accurate, precise and convenient bottle-top titration, as well as optimum operator safety. It combines both magnetic stirrer and titrator functions, making it easier for the operator to achieve satisfactory results in the field of analytical chemistry, food industry, water analysis etc.



### Features

- High quality motor providing excellent precision and accuracy
- Electronic control decreases the repetitive strain injury
- Remote control panel prevents manual disturbance during operation
- Built-in magnetic stirrer support

### Specifications

Volume Range	0.01mL-99.99mL, Max piston lift is 10mL, resolution is 10 $\mu$ L
Volume Accuracy	R=0.2% CV=0.07%
Velocity	16 stages
Operating Temperature Range	10°C-30°C
Quality Control	DIN EN ISO 8655
Control Type	External control, including the stirrer and the burette program

# Electronic Motorized Bottle-Top Dispensers

## iFlow

### Electronic Motorized Bottle-Top Dispenser

#### Features

- Motor operation minimizes the grip force
- Electronic control decreases the repetitive strain injury
- Remote control panel prevents manual disturbance during operation
- Two Dispensing modes:
  - dispenser
  - multi-dispense function



#### Specifications

Volume Range	0.1-99.9mL, Max piston lift is 10mL, resolution is 100 $\mu$ L
Volume Accuracy	Dispenser: R = 10mL $\pm$ 30 $\mu$ L; CV = 10ml $\pm$ 10 $\mu$ L Stepper: R = 1mL $\pm$ 6 $\mu$ L; CV = 1ML $\pm$ 9 $\mu$ L
Operating Temperature Range	10°C-30°C
Quality Control	DIN EN ISO 8655
Control Type	External control



# Bottle-Top Dispensers

## DispensMate Bottle-Top Dispenser

Easy-to-use volume adjustment

Smooth piston design provides effortless dispensing

Closure cap protects, against reagent contact and is easy to attach/detach, without taking gloves off.



Adapters allow fitting to standard reagent bottles

Filling tube adjusts easily for different size bottles



### Features

- Excellent chemical resistance, components are made of PTFE, FEP, BSG, PP
- Fully autoclavable at 121°C
- Four ranges of bottle-top dispenser covering a volume range from 0.5mL to 50mL
- Easy for cleaning and maintenance
- The optional flexible discharge tube with safety handle permits fast and precise dispensing
- Vapor pressure max. 500mbar, viscosity max. 500mm<sup>2</sup>/s,
- temperature max. 40°C, density max. 2.2g/cm<sup>3</sup>
- Dispensmate is supplied with S40, GL32, GL38, GL25, GL28 sized adapters

### Specifications

Cat. No.	Volume Range mL	Graduation mL	A <sub>±</sub>		CV <sub>≤</sub>	
			%	μL	%	μL
731100017777	0.5-5	0.1	0.5	25	0.1	5
731100027777	1.0-10	0.2	0.5	50	0.1	10
731100037777	2.5-25	0.5	0.5	125	0.1	25
731100047777	5.0-50	1.0	0.5	250	0.1	50

### Accessories

Cat. No.	Description
17100553	GL45, Adapter, 45mm
17000069	S40, Adapter, 45/40mm
17400017	GL32, Adapter, 45/32mm
17400018	GL38, Adapter, 45/38mm
17400019	GL25, Adapter, 32/25mm
17400020	GL28, Adapter, 32/28mm
17400037	Reagent Bottle (Brown, 1L, Optional)
17400021	Filling tube(m)
17100073	Discharge tube(m)