SCILOGEX

SuperPette

Fully Autoclavable Pipettors

The new SCILOGEX SuperPette fully autoclavable digital pipettors have an excellent ergonomic and ultralight design providing effortless, ergonomic, accurate and precise pipetting experience. In addition, the volume lock helps protect from accidental volume change. The clear digital display is centrally located, for left and right handed users. UV and chemical resistant.

Smooth, Low Force, Effortless Button

Smooth Knob Adjustment
Light and smooth volume adjustment

Ergonomic Design
Comfortable & Effortless, Precise & Accurate

Pull up the lock wheel to set the volume

One Key Volume Lock Setting

Push down the lock wheel to lock the volume

Volume Display Window
New centrally located volume display

Ultra-light ergonomic design
Light weight and light pipetting force with soft range adjustment and piston movement helps prevent pipetting fatigue.

Simple Disassembly
Easy to maintain and calibrate

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

With Filters
Reduces volatile liquids entry into the pipette body; helps avoid liquid back-flow caused by improper operation and thus prevents piston corrosion and contamination

Complete sterilization
Fully autoclavable and excellent protection against chemicals & UV light.

Volume Display Window
New centrally located volume display

Forward pipetting — Suitable for low-viscosity liquids, press the plunger to the first stop when aspirating, and press the button to the second stop when dispensing.

Reverse pipetting — Suitable for higher-viscosity liquids, easy to foam or micro samples, with higher pipetting accuracy. Press the plunger to the second stop when aspirating, and press the plunger to the first stop when dispensing.

Range selection — Choose the appropriate range according to the pipetting volume. 30% - 100% of the maximum range of the pipette is the suitable range.

Specifications

Single-channel Adjustable Volume Pipettes (9 models, covering 0.1μl~10ml.)						
Volume Range	Increment	Test Volume	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
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	1000μL	0.6%	1.80	0.2%	0.60
		500μL	1.0%	1.50	0.3%	0.45
		100μL	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%	7.50
		1000μL	1.2%	12.00	0.3%	3.00
2000~10000μL	10μL	10000μL	0.6%	60.00	0.2%	20.00
		5000μL	0.8%	40.00	0.2%	10.00
		2000μL	1.5%	30.00	0.3%	6.00

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