

Features & Benefits

Ergonomic

- An integral finger support and lightweight design reduces physical strain, making repetitive jobs less of a chore.

Accurate

- Be confident in accuracy; each pipettor is supplied with a performance certificate, according to ISO8655/DIN12650.

Volume Setting

- Is clearly displayed on the side of the unit .

Ejector Key

- Conveniently located, allowing one handed operation.

Range

- Huge range from 0.5 μ L to 5mL.

Calibration & Maintenance

- Is easy with the supplied calibration tool.

Autoclavable*

- Fully Autoclavable!

Rotating Head#

- For maximum comfort and convenience in dispensing.

Cone#

- Individual cone/piston assemblies making repair and maintenance easy.

* 121 °C for 20 minutes.

* After autoclaving the pipette should be left to cool down and dry for 12 hours.

* It is recommend that the performance of the pipettor is checked after each autoclave.

8 Channel and 12 Channel models only.



Liquid Handling

Pipettor - Operation



Single Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	µl	%	µl
0.5 to 10µl	0.1µl	10µl	1.00%	0.1	0.80%	0.8
		5µl	1.50%	0.075	1.50%	0.075
		1µl	2.50%	0.025	1.50%	0.015
2 to 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
10 to 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 to 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
100 to 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
1000 to 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

Ordering Information:

Supplied with: pipettor, quality control certificate, bench mount, calibration tool, silicone grease, user manual.

Product Code	Description	Pack Size
550.002.005	0.5 to 10µL	Each
550.002.007	2.0 to 20µL	Each
550.002.009	10 to 100µL	Each
550.002.011	20 to 200µL	Each
550.002.013	100 to 1000µL	Each
550.002.015	1 to 5mL	Each



Liquid Handling

Pipettor - 8 Channel

8 Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	μl	%	μl
0.5 to 10 μl	0.1 μl	10 μl	1.50%	0.15	1.50%	0.15
		5 μl	2.50%	0.125	2.50%	0.125
		1 μl	4.00%	0.04	4.00%	0.04
5 to 50 μl	0.5 μl	50 μl	1.00%	0.5	0.50%	0.25
		25 μl	1.50%	0.375	1.00%	0.25
		5 μl	3.00%	0.15	2.00%	0.1
50 to 300 μl	5 μl	300 μl	0.70%	2.1	0.25%	0.75
		150 μl	1.00%	1.5	0.50%	0.75
		50 μl	1.50%	0.75	0.80%	0.4

Ordering Information:

Supplied with: pipettor, quality control certificate, bench mount, calibration tool, silicone grease, user manual.

Product Code	Description	Pack Size
550.002.020	0.5 to 10 μL	Each
550.002.022	5 to 50 μL	Each
550.002.024	50 to 300 μL	Each



12 Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	µl	%	µl
0.5 to 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 to 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 to 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

Ordering Information:

Supplied with: pipettor, quality control certificate, bench mount, calibration tool, silicone grease, user manual.

Product Code	Description	Pack Size
550.002.030	0.5 to 10µL	Each
550.002.032	5 to 50µL	Each
550.002.034	50 to 300µL	Each



Liquid Handling

Pipettor - Electronic

Features & Benefits

- Comprehensive range of liquid handling protocols with easy programming
- Motor-drive with build-in error control improves pipetting precision and provides more reliable results
- 3 speeds for aspiration and dispensing
- Efficient lithium-ion battery offers long runtime on each charge
- Can be charged through charging stand or directly through charging cable
- Autoclavable (lower part only)

Pipettor supplied with:

- AC Adapter
- USB cable
- Stand
- User manual
- Calibration card



Electronic Pipettor - Technical Specifications:

Product Code	Volume Range	Graduation	Volume Tested μl	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
				%	μl	% CV [#]	μl s.d.*
550.002.040	0.5 to 10 μl	0.01 μl	10	± 1.0	± 0.10	0.05	0.5
			1	± 3.5	± 0.035	0.03	3.0
550.002.042	5 to 50 μl	0.1 μl	50	± 0.8	± 0.40	0.15	0.3
			5	± 3.0	± 0.15	0.125	2.5
550.002.044	30 to 300 μl	1 μl	300	± 0.6	± 1.8	0.6	0.2
			30	± 3.0	± 0.9	0.21	0.7
550.002.046	100 to 1000 μl	5 μl	1000	± 0.6	± 6.0	2.0	0.2
			100	± 3.0	± 3.0	0.6	0.6

[#]CV = Coefficient of Variation ^{*}s.d. = Standard Deviation



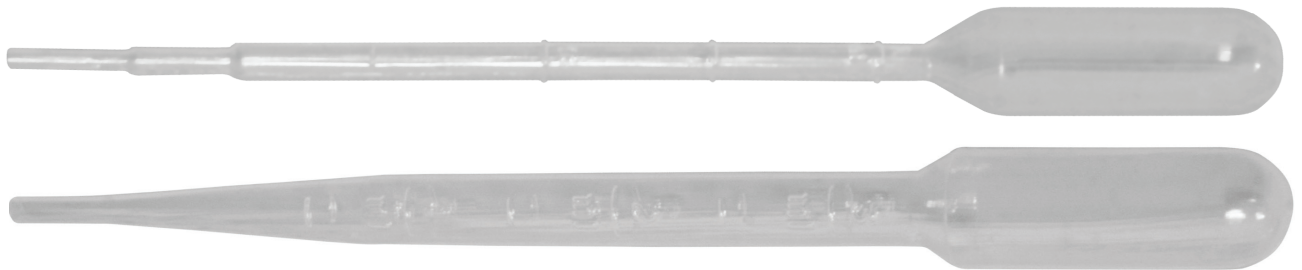
Plasticware



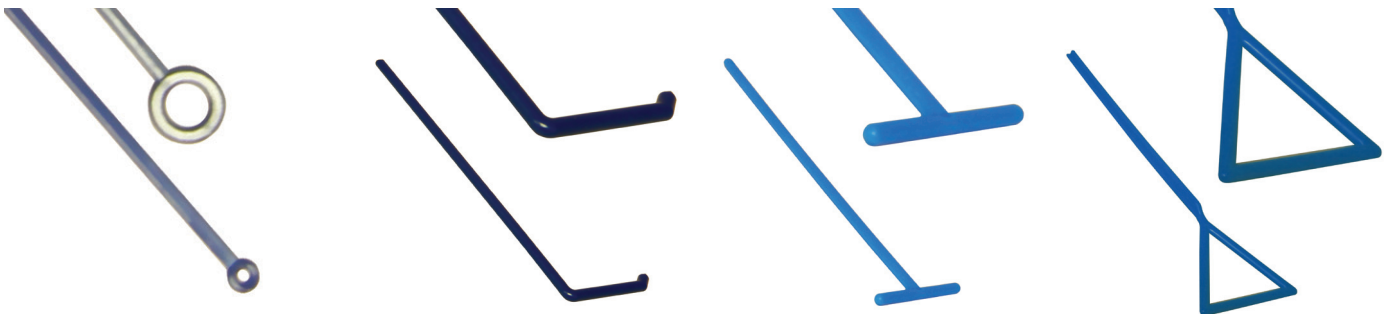
Autoclavable Bags



Stomacher Bags



Transfer Pipettes



Spreaders

● **Choice** ● **Quality** ● **Affordability**

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Liquid Handling

Pipettor Accessories

Rack Bench Type

- To hold up to 6 pipettors
- Can accommodate other brands



550.002.405
Bench Type Pipettor Rack



Rack Carousel Type

- To hold up to 6 pipettors
- Stand can be rotated
- For LabCo pipettors only



550.002.410
Carousel Type Pipettor Rack



Pipettor Rack Ordering Information:

Product Code	Description	Pack Size
550.002.405	Bench Type (compatible with most pipettor brands)	Each
550.002.410	Carousel Type (compatible with LabCo pipettors only)	Each

Reagent Reservoirs

- Plastic reagent reservoir
- Graduated
- Sterile
- Wrapped in inner bags of 5

Reagent Reservoirs Ordering Information:

Product Code	Description	Pack Size
650.500.127	25mL Capacity	PK200
650.500.152	50mL Capacity	PK200

