

LabPRO High Precision Micropipette Series

Pipette Single



The LabPRO high precision micropipette is the only mechanical pipette that offers both lock/unlock mechanism and tip ejection system in one. They are essential to users

who relies highly on accuracy, especially those in the fields of molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry and genetics.

Specifications

Part No	Volume range μl	Volume μl	Specifications (Mechanical Pipette)			
			Systematic error μl	%	Random error μl	%
LPG-2	0.2 – 2.0	0.2	± 0.026	± 13.2	≤ 0.013	≤ 6.6
		1	± 0.030	± 3.00	≤ 0.014	≤ 1.40
		2	± 0.033	± 1.65	≤ 0.015	≤ 0.77
LPG-10	1 – 10	1	± 0.035	± 3.5	≤ 0.013	≤ 1.3
		5	± 0.083	± 16.6	≤ 0.033	≤ 0.66
		10	± 0.110	± 1.1	≤ 0.044	≤ 0.44
LPG-20	2 – 20	2	± 0.11	± 5.5	≤ 0.033	≤ 1.65
		10	± 0.12	± 1.20	≤ 0.055	≤ 0.5
		10	± 0.20	± 1.0	≤ 0.066	≤ 0.33
LPG-100	10 – 100	10	± 0.39	± 3.9	≤ 0.11	≤ 1.1
		50	± 0.44	± 0.88	≤ 0.13	≤ 0.26
		100	± 0.80	± 0.8	≤ 0.17	≤ 0.17
LPG-200	20 – 200	20	± 0.55	± 2.75	≤ 0.22	≤ 1.1
		100	± 0.88	± 0.88	≤ 0.28	≤ 0.28
		200	± 1.60	± 0.8	≤ 0.33	≤ 0.17
LPG-1000	100 – 200	100	± 3.3	± 3.3	≤ 0.7	≤ 0.66
		500	± 4.4	± 0.88	≤ 1.1	≤ 0.22
		1000	± 8.0	± 0.8	≤ 1.7	≤ 0.17
LPG-5000	500 – 5000	500	± 13	± 2.64	≤ 3.3	≤ 0.66
		2500	± 17	± 0.68	≤ 5.5	≤ 0.22
		5000	± 33	± 0.66	≤ 8.8	≤ 0.18
LPG-10000	1000 – 10000	1000	± 33	± 3.3	≤ 6.6	≤ 0.66
		5000	± 44	± 0.88	≤ 11.0	≤ 0.22
		10000	± 60	± 0.6	≤ 17.6	≤ 0.18

Pipette Multi



Specifications

Part No	Volume range μl	Volume μl	Specifications (Mechanical Pipette)			
			Systematic error μl	%	Random error μl	%
LPG- 8x10	0.5 - 10	0.5	± 0.09	± 17.6	≤ 0.04	≤ 8.8
		5	± 0.22	± 4.40	≤ 0.11	≤ 2.20
LPG-12x10		10	± 0.22	± 2.2	≤ 0.11	≤ 1.1
LPG-8x20		2	± 0.11	± 5.5	≤ 0.11	≤ 1.10
LPG-12x20		20	± 0.40	± 2.0	≤ 0.17	≤ 0.8
LPG-8x200	20 - 200	20	± 0.55	± 2.75	≤ 0.28	≤ 1.38
		100	± 1.10	± 1.10	≤ 0.44	≤ 0.44
LPG-12x200		200	± 2.20	± 1.1	≤ 0.55	≤ 0.3
LPG-8x300		20	± 1.10	± 5.5	≤ 0.39	≤ 1.93
LPG-12x3000	20 - 300	150	± 1.65	± 1.10	≤ 0.66	≤ 0.44
		300	± 3.30	± 1.1	≤ 1.10	≤ 0.37

LabPRO Electronic Pipette Series



The LabPRO Electronic pipettes are as easy to use as the mechanical micropipettes with only 2 buttons and 4 essential pipetting modes: Pipet, Repetitive, Mix and Reverse. They are essential to users who relies highly on accuracy, especially those in the fields of molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry and genetics.

Features

- Lightweight, perfectly balanced, virtually zero pipetting force
- Large available range from 0.5µl – 1200µl
- 5 single channels: 10µl, 20µl, 100µl, 300µl, 1200µl
- 10 multi-channels: same as above 8 and 12 channels
- Use while charging without compromising performance
- Fully motorized piston drive

Specifications

Part no	Volume range µl	Maximum Permissible Errors (standard pipetting mode)					
		LabPRO			ISO 8655 -2		
		Volume	Systematic error µl	Random error µl	Systematic error µl	Random error µl	
LPGE - 10	0.5 – 10	0.5	± 0.044	≤ 0.014	± 0.12	≤ 0.08	
		1	± 0.028	≤ 0.013	± 0.12	≤ 0.08	
		5	± 0.066	≤ 0.022	± 0.12	≤ 0.08	
		10	± 0.088	≤ 0.028	± 0.12	≤ 0.08	
LPGE - 20	2 – 20	2	± 0.083	≤ 0.028	± 0.2	≤ 0.1	
		10	± 0.110	≤ 0.039	± 0.2	≤ 0.1	
		20	± 0.165	≤ 0.055	± 0.2	≤ 0.1	
LPGE - 300	20 – 300	20	± 0.88	≤ 0.18	± 4.0	≤ 1.5	
		30	± 0.77	≤ 0.22	± 4.0	≤ 1.5	
		150	± 0.99	≤ 0.25	± 4.0	≤ 1.5	
		300	± 1.16	≤ 0.33	± 4.0	≤ 1.5	
LPGE - 1200	100 – 1200	100	± 2.8	≤ 0.4	± 16	≤ 6.0	
		120	± 2.6	≤ 0.4	± 16	≤ 6.0	
		600	± 4.0	≤ 0.9	± 16	≤ 6.0	
		1200	± 6.6	≤ 1.3	± 16	≤ 6.0	
LPGE - 8 x 10	0.5 – 10	0.5	± 0.06	≤ 0.022	± 0.24	≤ 0.16	
		1	± 0.04	≤ 0.022	± 0.24	≤ 0.16	
		LPGE - 12 x 10	5	± 0.09	≤ 0.044	± 0.24	≤ 0.16
			10	± 1.11	≤ 0.066	± 0.24	≤ 0.16
LPGE - 8 x 20	1 – 20	1	± 0.09	≤ 0.055	± 0.4	≤ 0.2	
		10	± 0.17	≤ 0.110	± 0.4	≤ 0.2	
		LPGE - 12 x 20	20	± 0.28	≤ 0.132	± 0.4	≤ 0.2
LPGE - 8 x 300	10 – 300	10	± 1.10	≤ 0.20	± 8.0	≤ 3.0	
		30	± 1.10	≤ 0.20	± 8.0	≤ 3.0	
		LPGE - 12 x 300	150	± 1.65	≤ 0.413	± 8.0	≤ 3.0
			300	± 2.64	≤ 0.50	± 8.0	≤ 3.0
LPGE - 8 x 1200	10 – 300	50	± 4.4	≤ 0.8	± 32	≤ 12	
		120	± 4.4	≤ 0.8	± 32	≤ 12	
		LPGE - 12 x 1200	600	± 6.6	≤ 1.7	± 32	≤ 12
			1200	± 10.6	≤ 2.0	± 32	≤ 12

LabPRO Pipet Controller



The LabPRO Pipet Controller is a lightweight and ergonomic unit for use with plastic or glass pipettes from 0.1 to 100 mL. Its balanced design and contoured buttons help prevent hand fatigue even after hours of use. In addition, the speed and battery displays make pipetting easy!

- Continuously adjustable speed up to 25 mL in less than 3 seconds
- Removable Li-Ion battery for more than 10 hours of continuous operation
- European Directive compliant: CE, WEEE, RoHS, EMC
- One year warranty

Features

- For all plastic and glass serological pipettes from 1 – 100 mL

Specifications

Part no	Descriptions	Volume range mL
LPG-PC	LabPRO Pipet Controller	0.1 – 100