



LabPRO  
Liquid Handling



LabPRO

# LabPRO High Precision Micropipette Series

## Pipette Single Chanel



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 $\mu\text{l}$	Volume $\mu\text{l}$	Specifications (Mechanical Pipette)			
			Systematic error $\mu\text{l}$	%	Random error $\mu\text{l}$	%
LPG-2	0.2 – 2.0	0.2	$\pm 0.026$	$\pm 13.2$	$\leq 0.013$	$\leq 6.6$
		1	$\pm 0.030$	$\pm 3.00$	$\leq 0.014$	$\leq 1.40$
		2	$\pm 0.033$	$\pm 1.65$	$\leq 0.015$	$\leq 0.77$
LPG-10	1 – 10	1	$\pm 0.035$	$\pm 3.5$	$\leq 0.013$	$\leq 1.3$
		5	$\pm 0.083$	$\pm 16.6$	$\leq 0.033$	$\leq 0.66$
		10	$\pm 0.110$	$\pm 1.1$	$\leq 0.044$	$\leq 0.44$
LPG-20	2 – 20	2	$\pm 0.11$	$\pm 5.5$	$\leq 0.033$	$\leq 1.65$
		10	$\pm 0.12$	$\pm 1.20$	$\leq 0.055$	$\leq 0.5$
		10	$\pm 0.20$	$\pm 1.0$	$\leq 0.066$	$\leq 0.33$
LPG-100	10 – 100	10	$\pm 0.39$	$\pm 3.9$	$\leq 0.11$	$\leq 1.1$
		50	$\pm 0.44$	$\pm 0.88$	$\leq 0.13$	$\leq 0.26$
		100	$\pm 0.80$	$\pm 0.8$	$\leq 0.17$	$\leq 0.17$
LPG-200	20 – 200	20	$\pm 0.55$	$\pm 2.75$	$\leq 0.22$	$\leq 1.1$
		100	$\pm 0.88$	$\pm 0.88$	$\leq 0.28$	$\leq 0.28$
		200	$\pm 1.60$	$\pm 0.8$	$\leq 0.33$	$\leq 0.17$
LPG-1000	100 – 200	100	$\pm 3.3$	$\pm 3.3$	$\leq 0.7$	$\leq 0.66$
		500	$\pm 4.4$	$\pm 0.88$	$\leq 1.1$	$\leq 0.22$
		1000	$\pm 8.0$	$\pm 0.8$	$\leq 1.7$	$\leq 0.17$
LPG-5000	500 – 5000	500	$\pm 13$	$\pm 2.64$	$\leq 3.3$	$\leq 0.66$
		2500	$\pm 17$	$\pm 0.68$	$\leq 5.5$	$\leq 0.22$
		5000	$\pm 33$	$\pm 0.66$	$\leq 8.8$	$\leq 0.18$
LPG-10000	1000 – 10000	1000	$\pm 33$	$\pm 3.3$	$\leq 6.6$	$\leq 0.66$
		5000	$\pm 44$	$\pm 0.88$	$\leq 11.0$	$\leq 0.22$
		10000	$\pm 60$	$\pm 0.6$	$\leq 17.6$	$\leq 0.18$

## Pipette Manual Multi-channels



## Specifications

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

# 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
- 4 single channels are available in 10uL, 20uL, 100uL, 300uL and 1200uL
- 8 multi-channels : volume range is the same as single channel. Available in 8 and 12 channels
- Charging while in use 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
		5	± 0.09	≤ 0.044	± 0.24	≤ 0.16
LPGE - 12 x 10	0.5 – 10	10	± 1.11	≤ 0.066	± 0.24	≤ 0.16
		1	± 0.09	≤ 0.055	± 0.4	≤ 0.2
		10	± 0.17	≤ 0.110	± 0.4	≤ 0.2
LPGE - 8 x 20	1 – 20	20	± 0.28	≤ 0.132	± 0.4	≤ 0.2
		10	± 1.10	≤ 0.20	± 8.0	≤ 3.0
		30	± 1.10	≤ 0.20	± 8.0	≤ 3.0
LPGE - 8 x 300	10 – 300	150	± 1.65	≤ 0.413	± 8.0	≤ 3.0
		300	± 2.64	≤ 0.50	± 8.0	≤ 3.0
		50	± 4.4	≤ 0.8	± 32	≤ 12
LPGE - 8 x 1200	10 – 300	120	± 4.4	≤ 0.8	± 32	≤ 12
		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

# LabPRO Pipette Tips Series



Rack with tips 10µl



Rack with tips 300µl



Rack with tips 200µl



Rack with tips 1000µl – 1200µl

Maintain the integrity of your sample and deliver maximum accuracy and precision with LabPRO pipette tips. Engineered to fit LabPRO pipettes or any other pipette, our

tips are made of the highest grade materials in a sterile, clean-room environment, ensuring they are free of contaminants that can

affect your results. Choose from a variety of packaging options to fit your budget and space requirements.

Part No	LabPRO Rack Filter Sterile Tips
LPG10060	Rack 10µl Filter Sterile Tips, 10 x 96 (960)
LPG10061	Rack 10µl Long Filter Sterile Tips, 10x96 (960)
LPG10062	Rack 30µl Filter Sterile Tips, 10 X 96 (960)
LPG10063	Rack 100µl Filter Sterile Tips, 10 x 96 (960)
LPG10064	Rack 200µl Filter Sterile Tips, 10 x 96 (960)
LPG10065	Rack 300µl Filter Sterile Tips, 10 x 96 (960)
LPG10066	Rack 1000µl Filter Sterile Tips, 10 x 96 (960)

Part No	LabPRO Rack Sterile Tips
LPG10035	Rack 10µl Sterile Tips, 10 x 96 (960)
LPG10036	Rack 10µl Long Sterile Tips, 10x96 (960)
LPG10037	Rack 200µl Sterile Tips, 10 x 96 (960)
LPG10038	Rack 300µl Sterile Tips, 10 x 96 (960)
LPG10039	Rack 1000µl Sterile TipS, 10 x 96 (960)
LPG10040	Rack 1200µl Sterile Tips, 10 x 96 (960)

Part No	LabPRO Bulk Tips
LPG10001	Bulk 10uL Tips, 10 Bags x 1000 (10000)
LPG10002	Bulk 200uL Tips, 10 Bags x 1000 (10000)
LPG10003	BBulk 1000uL Tips, 10 Bags x 1000 (10000)
LPG10004	Bulk 5 mL Tips, 3 Bags x 334 (1002)
LPG10005	Bulk 10 mL Tips, 5 Bags x 50 (250)
LPG10006	Bulk 10uL Long Tips, 10 x 1000 (10000)
LPG10007	Bulk 200uL Tips, Yellow 10 Bags x 1000 (10000)
LPG10008	Bulk 1000uL Tips, Blue 10 Bags x 1000 (10000)

Part No	LabPRO Rack Tips
LPG10020	Rack 10µl Tips, 10 x 96 (960)
LPG10021	Rack 10µl Long, 10 x 96 (960)
LPG10022	Rack 200µl Tips, 10 x 96 (960)
LPG10023	Rack 300µl Tips, 10 x 96 (960)
LPG10025	Rack 1000µl Tips, 10 x 96 (960)
LPG10026	Rack 1200µl Tips, 10 x 96 (960)
LPG10027	Rack 5ml Tips, 12 x 50 (600)
LPG10028	Rack 10ml Tips, 8 x 30 (240)

Part No	LabPRO Reload Tips
LPG10015	Reload 10µl Tips, 13 x 96 (1248)
LPG10016	Reload 200µl Tips, 13 x 96 (1248)
LPG10017	Reload 1000µl Tips, 7 x 96 (672)

Part No	LabPRO Empty Rack
LPG10050	Empty Rack for Tips 10µl, 2 Box
LPG10051	Empty Rack for Tips 10µl LONG, 2 Box
LPG10052	Empty Rack for Tips 200µl, 2 Box
LPG10053	Empty Rack for Tips 300µl, 2 Box
LPG10054	Empty Rack for Tips 1000/1200µl, 2 Box
LPG10055	Empty Rack for Tips 5000µl
LPG10056	Empty Rack for Tips 10ml

LabPRO

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