LabPRO

2017 NEW LabPRO Electronic PIPETTE Series

LabPRO products are specially designed to offer high performance with Swiss accuracy yet with economical value. The new 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.

Q&A

Battery	Lithium-Ion battery: No memory effect
Battery charge	Around 900 cycles at max.speed / 2h30 in continuous use
Weight	Light weight: Single: 120g (0,26Lbs.) in average (same as many mechanical pipette) Multi x 8: 210g (0,46 Lbs.) in average Multi x 12: 240g (0,53Lbs.) in average
Autoclavable	Yes, only the lower parts (20 minutes / 121C °C / 0.1MPa)
UV resistant	Yes (254nm / Minimal material discoloration could occur with no effect on functionality)
Chemical compatibility	High resistance: made mainly of PP, PBT, POM, PVDF and PC for high chemical resistance, easy cleaning and decontamination

Product Specifications

Model	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)	
Single 10 µl	0.5-10 µl	0.5	±0.044	≦0.014	±0.12	≦0.08	2.7X more accurate and 8X more precise!
		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	
Single 20 µl	2-20 µl	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	
Single 300 µl	20-300 µl	20	±0.88	≦0.18	±4.0	≦1.5	
		30	±0.77	≦0.22	±4.0	≦1.5	5.7X more accurate and 15X more precise!
		150	±0.99	≦0.25	±4.0	≦1.5	
		300	±1.16	≦0.33	±4.0	≦1.5	
Single 1200 µl	100-1200 µl	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	
Multi 8x10 µl Multi 12x10 µl	0.5 – 10 µl	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	
		10	±1.11	≦0.066	±0.24	≦0.16	
Multi 8x20 µl Multi 12x20 µl	1-20 µl	1	±0.09	≦0.055	±0.4	≦0.2	
		10	±0.17	≦0.110	±0.4	≦0.2	
		20	±0.28	≦0.132	±0.4	≦0.2	7X more accurate and 15X more precise!
Multi 8x300 µl Multi 12x300 µl	10-300 µl	10	±1.10	≦0.20	±8.0	≦3.0	
		30	±1.10	≦0.20	±8.0	≦3.0	
		150	±1.65	≦0.413	±8.0	≦3.0	
		300	±2.64	≦0.50	±8.0	≦3.0	
Multi 8x1200 µl Multi 12x1200 µl	50-1200 µl	50	±4.4	≦0.8	±32	≦12	
		120	±4.4	≦0.8	±32	≦12	
		600	±6.6	≦1.7	±32	≦12	
		1200	±10.6	≦2.0	±32	≦12	

Product highlights

- Lightweight, perfectly balanced, virtually zero pipetting force

- Large available range from 0.5µl to 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

- Well priced