

# Liquid Handling Products



Fixed Volume Pipettors

Variable Volume Pipettors

Autoclavable Pipettors

Multi Channel Pipettors

Electronic Pipettors

Pipette Controller

## Labnics Pro Pipettors

Single Channel

- Ergonomic and light weight.
- Durable and autoclavable tip cone.
- Easy to maintain and re-calibrate with tool kit provided.
- Individually tested pipette with a calibration certificate of quality.
- Individual finely polished stainless steel piston ensures accuracy and precision.
- Soft touch tip ejection, super blow out for micro-volume pipetting.
- The slender, ribbed hand grip fits comfortably in either right or left hand.



### Fixed Volume Pipettors LPFV Series

Model No.	Volume (µl)	Accuracy (%) ±	Precision (%) ±	Suitable Tips (µl)	Catalog No.
LPFV - 0005	5	1.5	1.4	10	30000101
LPFV - 0010	10	0.9	0.8	10	30000102
LPFV - 0020	20	0.6	0.5	300	30000103
LPFV - 0025	25	0.6	0.5	300	30000104
LPFV - 0050	50	0.6	0.4	300	30000105
LPFV - 0100	100	0.5	0.3	300	30000106
LPFV - 0200	200	0.8	0.3	300	30000107
LPFV - 0250	250	0.8	0.3	300	30000108
LPFV - 0500	500	0.8	0.3	1000	30000109
LPFV - 1000	1000	0.8	0.3	1000	30000110

### Variable Volume Pipettors LPVV Series

Model No.	Volume Range (µl)	Accuracy (%) ±	Precision (%) ±	Suitable Tips (µl)	Catalog No.
LPVV - 0510	0.5-10	3.5 - 1.0	3.0 - 0.8	10	30000201
LPVV - 0220	2.0-20	3.0 - 1.0	1.5 - 0.4	300	30000202
LPVV - 0505	5.0-50	2.0 - 0.6	2.0 - 0.3	300	30000203
LPVV - 0101	10-100	3.0 - 0.8	1.0 - 0.2	300	30000204
LPVV - 0202	20-200	1.8 - 0.6	0.7 - 0.2	300	30000205
LPVV - 1001	100-1000	0.9 - 0.8	0.5 - 0.2	1000	30000206
LPVV - 2001	200-1000	1.0 - 0.8	0.5 - 0.2	1000	30000207

## Labnics Research Pipettors

Single Channel

- 3 Years warranty.
- Reduced thumb stress.
- Autoclavable lower assembly.
- Minimum fatigue of hands & fingers.
- Research micropipette with soft grip made up of thermoplastic elastomer.
- Click stop digital system ensures no unwanted volume alterations during pipetting.
- Two step plunger operation allows reverse pipetting technique useful for pipetting certain liquids.
- Minimum transfer of body heat to the pipette resulting in high accuracy even on continuous use.



### Fixed Volume LRFV Series

Model No.	Volume (µl)	Accuracy (%) ±	Precision (%) ±	Suitable Tips (µl)	Catalog No.
LRFV - 0205	2.5	1.5	1.4	10	30440101
LRFV - 0005	5	1.3	1.2	300	30440102
LRFV - 0010	10	0.8	0.8	300	30440103
LRFV - 0020	20	0.6	0.5	300	30440104
LRFV - 0025	25	0.5	0.3	300	30440105
LRFV - 0050	50	0.5	0.3	300	30440106
LRFV - 0100	100	0.5	0.3	300	30440107
LRFV - 0200	200	0.4	0.2	300	30440108
LRFV - 0250	250	0.4	0.2	300	30440109
LRFV - 0500	500	0.3	0.2	1000	30440110
LRFV - 1000	1000	0.3	0.2	1000	30440111
LRFV - 2000	2000	0.3	0.2	5000	30440112
LRFV - 5000	5000	0.3	0.2	5000	30440113

### Variable Volume LRVV Series

Model No.	Volume Range (µl)	Accuracy (%)±	Precision (%)±	Suitable Tips (µl)	Catalog No.
LRVV - 0125	0.1-2.5	2.5	1.5	10	30440201
		1.0	0.8		
LRVV - 0510	0.5-10	2.5	1.5	10	30440202
		1.0	0.8		
LRVV - 0550	5-50	2.0	2.0	300	30440203
		0.6	0.3		
LRVV - 0502	50-200	1.0	0.4	300	30440204
		0.6	0.15		
LRVV - 0200	200-1000	0.9	0.3	1000	30440205
		0.6	0.2		
LRVV - 0101	10-100	3.0	1.5	300	30440206
		0.8	0.15		
LRVV - 0100	100-1000	2.0	0.7	1000	30440207
		0.6	0.2		
LRVV - 0220	2-20	2.0	0.8	10	30440208
		1.8	0.6		
LRVV - 0202	20-200	0.6	0.6	300	30440209
		0.5	0.15		
LRVV - 0500	500-5000	0.7	0.3	5000	30440210
		0.5	0.15		
LRVV - 0050	1000-5000	0.7	0.3	5000	30440211
		0.5	0.15		

## Labnics Research Pipettors

Multi-Channel

- Minimum transfer of body heat to the pipette resulting in high accuracy even on continuous use.
- Minimum fatigue of hands & fingers.
- Reduced thumb stress.
- Consistent sample loading.
- Compatible with most types of tips.
- Soft force tip loading and ejection.
- One hand tip ejection.
- Leak free sealing of tip.
- 3 Years warranty.
- Manifold can rotate 360° for easy right or left hand operation.
- Easy removable & fully autoclavable manifold.



### LRM Series

Model No.	Volume Range (µl)	No. of Channels	Accuracy (%) ±	Precision (%) ± (µl)	Suitable Tips	Catalog No.
LRM - 0510	0.5-10	8	1.5	1.5	10	30440301
			2.5	2.5		
			3.5	3.5		
LRM - 0550	5-50	8	1	0.7	300	30440302
			1.5	1		
			3	2		
LRM - 1010	10-100	8	0.9	0.25	300	30440303
			1	0.4		
			1.5	0.75		
LRM - 2020	20-200	8	0.9	0.25	300	30440304
			1	0.4		
			1.5	0.75		
LRM - 3030	30-300	8	0.8	0.25	300	30440305
			1	0.4		
			1.5	0.75		
LRM - 5100	0.5-10	12	1.5	1.5	10	30440306
			2.5	2.5		
			3.5	3.5		
LRM - 5500	5-50	12	1	0.7	300	30440307
			1.5	1		
			3	2		
LRM - 0101	10-100	12	0.9	0.25	300	30440308
			1	0.4		
			1.5	0.75		
LRM - 0202	20-200	12	0.9	0.25	300	30440309
			1	0.4		
			1.5	0.75		
LRM - 0303	30-300	12	0.8	0.25	300	30440310
			1	0.4		
			1.5	0.75		

## Fully Autoclavable Pipettors

Single Channel

- Does not require recalibration after every autoclaving as required by other so called Autoclavable Pipettors.
- Click stop digital system ensures no unwanted volume alterations during pipetting.
- Two step plunger operation allows reverse pipetting technique useful for pipetting certain liquids.
- 3 Years warranty.



### Fixed Volume LAFV Series

Model No.	Volume Range (µl)	Accuracy (%) ±	Precision (%) ±	Suitable Tips (µl)	Catalog No.
LAFV - 0005	5	1.3	1.2	300	30440401
LAFV - 0010	10	0.8	0.8	300	30440402
LAFV - 0020	20	0.6	0.5	300	30440403
LAFV - 0025	25	0.5	0.3	300	30440404
LAFV - 0050	50	0.5	0.3	300	30440405
LAFV - 0100	100	0.5	0.3	300	30440406
LAFV - 0200	200	0.4	0.2	300	30440407
LAFV - 0250	250	0.4	0.2	1000	30440408
LAFV - 0500	500	0.3	0.2	1000	30440409
LAFV - 1000	1000	0.3	0.2	1000	30440410
LAFV - 2000	2000	0.3	0.2	5000	30440411
LAFV - 5000	5000	0.3	0.2	5000	30440412

### Variable Volume LAVV Series

Model No.	Volume Range (µl)	Accuracy (%) ±	Precision (%) ±	Suitable Tips (µl)	Catalog No.
LAVV - 0510	0.5-10	2.5	1.5	10	30440501
		1.0	0.8		
LAVV - 0550	5-50	2.0	2.0	300	30440502
		0.6	0.3		
LAVV - 0502	50-200	1.0	0.4	300	30440503
		0.6	0.15		
LAVV - 0201	200-1000	0.9	0.3	1000	30440504
		0.6	0.2		
LAVV - 0101	10-100	3.0	1.5	300	30440505
		0.8	0.15		
LAVV - 0010	100-1000	2.0	0.7	1000	30440506
		0.6	0.2		
LAVV - 0220	2-20	2.0	0.8	300	30440507
		1.8	0.6		
LAVV - 0202	20-200	0.6	0.6	300	30440508
		0.5	0.15		
LAVV - 0505	500-5000	0.7	0.3	5000	30440509
		0.5	0.15		
LAVV - 0050	1000-5000	0.7	0.3	5000	30440510
		0.5	0.15		

## Fully Autoclavable Pipettors

Multi-Channel

- Consistent sample loading.
- Compatible with most types of tips.
- Soft force tip loading and ejection.
- One hand tip ejection.
- Leak free sealing of tip.
- Manifold can rotate 360° for easy right or left hand operation.
- Easily removable manifold.
- 3 Years warranty.



### LAM Series

Model No.	Volume Range (µl)	No. of Channels	Accuracy (%) ±	Precision (%) ± (µl)	Suitable Tips	Catalog No.
LAM - 0510	0.5-10	8	1.5	1.5	10	30440601
			2.5	2.5		
			3.5	3.5		
LAM - 0550	5-50	8	1	0.7	300	30440602
			1.5	1		
			3	2		
LAM - 1010	10-100	8	0.9	0.25	300	30440603
			1	0.4		
			1.5	0.75		
LAM - 2020	20-200	8	0.9	0.25	300	30440604
			1	0.4		
			1.5	0.75		
LAM - 3030	30-300	8	0.8	0.25	300	30440605
			1	0.4		
			1.5	0.75		
LAM - 5100	0.5-10	12	1.5	1.5	10	30440606
			2.5	2.5		
			3.5	3.5		
LAM - 5050	5-50	12	1	0.7	300	30440607
			1.5	1		
			3	2		
LAM - 1100	10-100	12	0.9	0.25	300	30440608
			1	0.4		
			1.5	0.75		
LAM - 2200	20-200	12	0.9	0.25	300	30440609
			1	0.4		
			1.5	0.75		
LAM - 3300	30-300	12	0.8	0.25	300	30440610
			1	0.4		
			1.5	0.75		

## Electronic Pipettors

- Easy, user friendly calibration.
- Recharging during operation.
- Optimized ergonomomy and working comfort.
- Large liquid crystal display.
- Built-in tip ejector.
- Six models cover the complete pipetting range from 0.2  $\mu$ l to 10000  $\mu$ l.



Model No.	Volume ( $\mu$ l)	Increments ( $\mu$ l)	Tip Style ( $\mu$ l)	Catalog No.
LEP - 0010	0.2-10	0.05	10	30640101
LEP - 0120	5-120	0.5	200	30640102
LEP - 0300	20-300	1.0	300	30640103
LEP - 1000	50-1000	5.0	1000	30640104
LEP - 5000	100-5000	10.0	5000	30640105
LEP - 0100	500-10000	50.0	10000	30640106

### Modes (Easy selection of modes from a single key)

- Stepper mode.
- Dilution mode.
- Standard mode.
- Calibration mode.

### Volume Selection

Easy volume selection by 'UP' & 'DOWN' keys.

### Large Fire Button

Single 'FIRE BUTTON' for filling and dispensing.

### Calibration

User friendly calibration mode facilities, easy calibration by the user.

## Pipette Controller

- Two LEDs.
- Continuous adjustment of pump speed during operation.
- An universal silicon collet is provided to accept all standard pipettors up to 100ml. Internal knurling on the collet holds the pipette firmly.
- Comfortable grip.
- In-line membrane filter (0.2 micron) prevents Aerosol contamination & Liquid from entering the equipment.
- Ni-MH 3.6V rechargeable batteries are used in combination with low power consumption circuit. and vacuum / pressure pump. Allows eight hours of continuous operation.
- Labnic's pipette controller is a light weight cordless pipetting controller for all commonly used glass or plastic pipettors.
- The speed can be fine tuned by applying varying finger pressure to operate buttons.













Model No.	Description	Catalog No.
LPC - 220V	Grey body / Grey collet and plunger	30640201
LPC - 220V	Grey body / Violet collet and plunger	30640202
LPC - 220V	Grey body / Red collet and plunger	30640203
LPC - 110V	Grey body / Grey collet and plunger	30640204
LPC - 110V	Grey body / Violet collet and plunger	30640205
LPC - 110V	Grey body / Red collet and plunger	30640206

Available in attractive color combinations. Battery charger is provided with all models.

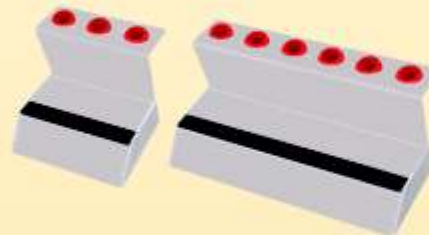


## Tips for Labnics Pipettors

Code		Vol. $\mu$ l	Material	Catalog No.
L - 1		5-10	Polypropylene(PP)	30660111
L - 2		10	Polypropylene(PP)	30660112
L - 3		200	Polypropylene(PP)	30660113
L - 4		200	Polypropylene(PP)	30660114
L - 5		100	Polypropylene(PP)	30660115
L - 6		300	Polypropylene(PP)	30660116
L - 7		200	Polypropylene(PP)	30660117
L - 8		1000	Polypropylene(PP)	30660118
L - 9		1000	Polypropylene(PP)	30660119
L - 10		5000	Polypropylene(PP)	30660121

## PIPETTORS STANDS

- It can hold three or six pipettes.
- It has a compartment for storing tips.



Model No.	Description	Catalog No.
LS - I	Stand for three pipettes	30640221
LS - II	Stand for six pipettes	30640222

Model No.	Description	Catalog No.
LS - III	5-10 $\mu$ l pipette tip box 96 places	30660122
LS - IV	200 $\mu$ l pipette tip box 96 places	30660123
LS - V	1000 $\mu$ l pipette tip box 60 places	30660124

