

**Ovation**[®]
BioNatural Pipettes

**The future of pipetting has
an unmistakable shape.**



**VistaLab**
TECHNOLOGIES
Dispensing With Tradition.

Yes, they look different. Wait until you see how they feel.

And how they help every ergonomic concern.

Ovation® BioNatural Pipettes don't look anything like traditional pipettes. If they did, they'd be as *un-ergonomic* as other pipettes! This new design revolutionizes the concept of liquid transfer by specifically reducing the major stresses that cause pain and fatigue, and encourages ergonomically correct postures at every pipetting step. In fact, Ovation is the only pipette designed to keep your hand in the neutral position recommended by ergonomic experts.

Ovation pipettes are easy to hold and use without over-rotation of your wrist or hand — minimizing pressure in the carpal tunnel and to the median nerve. The non-axial “low profile” design also doesn't require repetitive lifting or reaching with your arm — so you can work for hours without tension in the shoulder or elbow. The ergonomic result? Significantly reduced discomfort, fatigue, and injuries commonly caused by pipetting!



The perfect combination of performance and simplicity.



Digital Accuracy.

Ovation puts pipetting accuracy & precision in the palm of your hand. A large LCD display and motor-driven volume adjustments ensure the exact settings your work requires. Frequently-used volumes can be pre-set for fast recall at the push of a single button.



Amazing comfort.

Ovation's unique ergonomic design means hours of continuous pipetting can be accomplished in complete comfort. It fits your hand like a glove, and keeps your arm and wrist in a natural, stress-free posture close to the work surface.



Flawless tipping & detipping.

A gentle push is all that's needed to acquire tips, even on multichannel models, and an audible "click" confirms they're all securely seated. You'll never worry about tips falling off again! And touching a button immediately ejects all tips.



In-lab calibration made simple.

Adjustments are easy when needed for different environmental conditions or liquid types – without tools! Returning to the factory calibration setting (*or any setting*) takes just the push of a keypad button.



One way disposable nozzles.

Every pipette is protected from contamination because Ovation's special filtered nozzle prevents liquid from entering its interior structure. This protects the pipette, you, and your samples from contamination.



No lying down on the job.

Ovation is the only pipette that stands on its own, making it easy and convenient to pick up. And if you need to set the pipette down during a procedure, tips never touch the bench so there's no risk of cross-contamination.



Easy-to-use. Really.

Ovation pipettes allow you to work without the distraction of cumbersome layers of software and programming. Its simple menu, volume pre-sets and navigation keypad make selecting functions and volumes a snap.



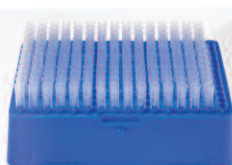
It just works.

Beneath Ovation's sculpted exterior, rugged components and an ultra-precise motor ensure reliable performance without compromise.

Ovation is a whole new class of pipette – not an old design with minor improvements. Its "ergonomically correct" – which means it is the most comfortable, easy-to-use pipette you will ever experience.







Ovation's Comfortable Advantages:

- Minimal forearm and wrist rotation
- Low arm and elbow elevation
- Relaxed hand grip
- Lowest pressure in carpal tunnel and to median nerve
- Minimized tension to shoulder and elbow
- Minimized exertion and contact stress
- Low contact pressure and forces







Standing Ovarations for your Laboratory.

All Ovation pipettes share an identical ergonomic structure. For information on features unique to each model, see www.vistalab.com

Electronic Single Channel and Macro Models	VistaLab Catalog #	Color	Volume Range	Dispensing Increments	Accuracy	Precision
	1065-0020 1065-0020L*		0.5 – 20µL	0.05µL	±1.0% at 20µL ±1.5% at 10µL ±3.0% at 2µL	0.30% at 20µL 0.50% at 10µL 1.80% at 2µL
	1065-0125 1065-0125L*		2 – 125µL	0.5µL	±0.8% at 125µL ±0.8% at 62.5µL ±2.9% at 12.5µL	0.15% at 125µL 0.24% at 62.5µL 1.00% at 12.5µL
	1065-0250 1065-0250L*		5 – 250µL	1µL	±0.8% at 250µL ±0.8% at 125µL ±2.5% at 25µL	0.15% at 250µL 0.25% at 125µL 1.00% at 25µL
	1065-1250 1065-1250L*		25 – 1250µL	5µL	±0.75% at 1250µL ±0.8% at 625µL ±2.8% at 125µL	0.15% at 1250µL 0.20% at 625µL 0.60% at 125µL
	1065-05mL 1065-05mLL*		100 – 5000µL	10µL	±0.6% at 5000µL ±0.6% at 2500µL ±2.4% at 500µL	0.16% at 5000µL 0.20% at 2500µL 0.60% at 500µL
	1065-10mL 1065-10mLL*		0.2 – 10mL	10µL	±0.6% at 10mL ±1.0% at 5mL ±2.4% at 1mL	0.16% at 10mL 0.20% at 5mL 0.30% at 1mL

* Left-handed models – the LCD screen is on the opposite side of the pipette which may be preferred by left-handed users.









Multichannel Models	VistaLab Catalog #		Color	Volume Range	Dispensing Increments	Accuracy	Precision
	8 Channel	12 Channel					
	1160-0020 1160-0020L*	1060-0020 1060-0020L*		0.5 – 20µL	0.05µL	±1.0% at 20µL ±1.5% at 10µL ±3.0% at 2µL	0.40% at 20µL 0.80% at 10µL 1.80% at 2µL
	1160-0125 1160-0125L*	1060-0125 1060-0125L*		2 – 125µL	0.5µL	±0.8% at 125µL ±1.0% at 62.5µL ±3.0% at 12.5µL	0.25% at 125µL 0.30% at 62.5µL 1.25% at 12.5µL
	1160-0250 1160-0250L*	1060-0250 1060-0250L*		5 – 250µL	1µL	±0.8% at 250µL ±1.0% at 125µL ±2.5% at 25µL	0.25% at 250µL 0.40% at 125µL 1.00% at 25µL
		1060-0850 1060-0850L*		25 – 850µL	5µL	±1.0% at 850µL ±1.25% at 425µL ±3.5% at 85µL	0.30% at 850µL 0.40% at 425µL 1.00% at 85µL
















Power Supply	Ovation Electronic Single Channel, Macro and Multichannel models require a Power Supply unit (sold separately) to recharge the pipette's battery.						
	Order Catalog # 9060-9005 to recharge one Ovation pipette at a time						
	Order Catalog # 9060-9006 to recharge up to four Ovation pipettes at one time						



Adjustable Volume Models	VistaLab Catalog #	Color	Volume Range	Dispensing Increments	Accuracy	Precision
	1057-0002		0.2 – 2µL	0.002µL	±1.5% at 2µL ±2.7% at 1µL ±9% at 0.2µL	0.9% at 2µL 1.8% at 1µL 7.6% at 0.2µL
	1057-0010		1 – 10µL	0.01µL	±1% at 10µL ±1.5% at 5µL ±2.5% at 1µL	0.4% at 10µL 0.6% at 5µL 1.2% at 1µL
	1057-0020		2 – 20µL	0.02µL	±1% at 20µL ±1.5% at 10µL ±7% at 2µL	0.3% at 20µL 0.5% at 10µL 2% at 2µL
	1057-0100		10 – 100µL	0.1µL	±0.8% at 100µL ±0.8% at 50µL ±3.5% at 10µL	0.15% at 100µL 0.24% at 50µL 1% at 10µL
	1057-0200		20 – 200µL	0.2µL	±0.8% at 200µL ±0.8% at 100µL ±2.5% at 20µL	0.15% at 200µL 0.25% at 100µL 1% at 20µL
	1057-1000		100 – 1000µL	1.0µL	±0.8% at 1000µL ±0.8% at 500µL ±3% at 100µL	0.15% at 1000µL 0.2% at 500µL 0.6% at 100µL
	1057-0999	Ovation Adjustable Starter Pack (Includes one 2-20µL, one 20-200µL, one 100-1000µL, an Ovation Pipette Stand, and 3 racks of tips.)				



Fixed Volume Models	VistaLab Catalog #		Color	Volume	Accuracy	Precision
	Single Stroke	Two Stroke				
		1257-0001		1µL	±2.7%	1.80%
		1257-0002		2µL	±1.5%	0.90%
	1157-0005	1257-0005		5µL	±1.5%	0.60%
	1157-0010	1257-0010		10µL	±1.5%	0.50%
	1157-0020	1257-0020		20µL	±1.0%	0.30%
	1157-0025	1257-0025		25µL	±1.4%	0.60%
	1157-0050	1257-0050		50µL	±0.8%	0.24%
	1157-0100	1257-0100		100µL	±0.8%	0.15%
	1157-0200	1257-0200		200µL	±0.8%	0.15%
	1157-0250	1257-0250		250µL	±1.2%	0.30%
	1157-0300	1257-0300		300µL	±1.0%	0.25%
	1157-0500	1257-0500		500µL	±0.8%	0.20%
1157-1000	1257-1000		1000µL	±0.8%	0.15%	
1157-0999	Ovation Fixed Volume Starter Pack (Includes one 10µL, one 100µL, one 200µL, one 1000µL, an Ovation Pipette Stand, and 3 racks of tips.)					



Custom volume settings are available upon request

Note: All pipette specifications subject to change. Performance claims are based on use with tips from VistaLab Technologies, Inc.

Tips with a Perfect Fit.

4060-1002 Catalog number

Use this tip chart to determine which tips are most appropriate for use with your Ovation and MLA pipettes.

	Ovation – electronic single channel and multichannel models:	0.5-20µL	2-125µL 5-250µL	25-850µL 25-1250µL		
					100-5000µL	0.2-10mL
	Ovation – electronic macro models:					
	Ovation – adjustable volume models:	0.2-2µL 1.0-10µL 2.0-20µL	10-100µL 20-200µL	100-1000µL		
	Ovation – fixed volume models:	1µL to 20µL	21µL to 200µL	201µL to 1000µL		
	TIP SIZE:	MICRO	SMALL	LARGE	5mL	10mL
NON-STERILE	VistaRak 192 tips/rack, 5 racks	4060-1002	4060-2004	4060-3004		
	VistaStak, 192 tips/layer, 5 layers (small size) or 3 layers (micro and large size)	4060-9024	4060-9025	4060-9026		
	Box 100 tips/box (5mL) or 35 tips/box (10mL)				9048	9050
	VistaClear Box 35 tips/box					4058-6100
	VistaBulk™, 1000 tips/bag, or 250 tips/bag (5mL) or 100 tips/bag (10mL)	4058-1000	4058-2000	4058-3000	4058-5000	4058-6000
	Protectainer™ Bulk Pack, 1000 tips (small) or 750 tips (large)		4025 ¹	4026 ²		
STERILE	Econo-Pak™ Bulk Pack, 1000 tips		4225 ¹	4226 ²		
	VistaRak, Sterile, Pyrogen-free, RNase/DNase certified, 192 tips/rack, 5 racks	4060-1032	4060-2132	4060-3132		
	VistaClear Box – Sterile, 60 tips/box (5mL) or 35 tips/box (10mL)				4058-5102	4058-6102
	VistaTip™ Individually Wrapped Sterile, 200 tips		2025 ¹	2026 ²		
FILTERED	VistaTip Individually Wrapped, Sterile, Pyrogen-free, 200 tips		2027 ¹	2028 ²		
	VistaRak, Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 192 tips/rack, 5 racks <small>* 2µL tip for Ovation 0.2-20µL, Ovation 1µL and Ovation 2µL only</small>	4060-1332 4060-1333 [†]	4060-2332	4060-3332		
	VistaClear Box – Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 60 tips/box (5mL) or 35 tips/box (10mL)				4058-5133	4058-6133
	VistaTip Individually Wrapped, Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 50 tips				4058-5332	4058-6332



VistaRak™



VistaStak™



VistaClear™ Box

- Notes:**
- Not for use with 5–250µL Electronic Single Channel model
 - Not for use with 25-1250µL Electronic Single Channel model
 - Filtered tips contain a unique hydrophobic filter which acts as a barrier to aqueous liquids and aerosols, protecting the pipette and sample from trace amounts of carryover.
 - All 5mL tips are graduated, marked at 0.1mL increments

VistaLab Reagent Reservoirs

Our disposable Reagent Reservoirs are the ideal pipetting companion. Each reservoir has trimmed base corners and distinct pour-off spouts that make it easy to empty without spills. They also feature a unique “trough within a trough” design that maximizes reagent recovery when scarce or expensive reagents are used.



REAGENT RESERVOIRS:	SMALL	SMALL	MEDIUM	LARGE
Bulk, 100/case Pyrogen-free, RNase/DNase certified, sterile	25mL 3054-1002	25mL Divided 3054-1004	50mL 3054-1006	100mL 3054-1000
Bulk, 200/case Pyrogen-free, RNase/DNase certified, sterile	25mL 3054-2002		50mL 3054-2006	100mL 3054-2000
Bulk, 100/case non-sterile	25mL 4054-1002	25mL Divided 4054-1004	50mL 4054-1006	100mL 4054-1000
Individually wrapped, 50/case Pyrogen-free, RNase/DNase certified, sterile	25mL 3054-1003	25mL Divided 3054-1005	50mL 3054-1007	100mL 3054-1001
Individually wrapped, 100/case Pyrogen-free, RNase/DNase certified, sterile	25mL 3054-2003		50mL 3054-2007	100mL 3054-2001
Individually wrapped with lid, 50/case Pyrogen-free, RNase/DNase certified, sterile				100mL 3054-3001
Bulk, reservoir lid, 100/case Pyrogen-free, RNase/DNase certified, sterile				100mL 3054-3000
Reservoir Cooler for 100mL reservoir				3054-5000

Visit our web site www.vistalab.com

for complete information on our family of
Ovation BioNatural Pipettes, tips and accessories.



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