



**Ovation®** E8  
E12  
*The Better Way To Pipette*

- 8 and 12 Channel fully Electronic models
- Excellent accuracy and precision
- Fast, easy multi-dispensing
- 3 custom programmable volume pre-sets

## Stressed-out & fatigued from multichannel pipetting? Take comfort.

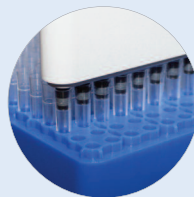
It's hardly a surprise the biggest concern with multichannel pipetting is tip acquisition and discard. Just a single tip falling off in the middle of a procedure can ruin an entire experiment or test run. Even with excessive force, there's no guarantee all the tips are seated and sealed properly. And then removing a dozen tips that have been jammed into position is no easy task either. Take comfort in the fact we've literally eliminated these problems once and for all.

The new multichannel Ovation Pipette features a unique tip acquisition system. An audible "click" signals the user when all tips are securely seated and it's OK to begin pipetting – simply, reliably and worry-free. **Every time.**

And when the pipetting cycle is complete, a gentle push on the tip eject button discards all tips simultaneously without effort.



The Ovation multichannel has the same ergonomically-correct, comfort-driven design as other Ovation pipettes, with electronic functions to meet the complex demands of repetitive procedures. Straightforward, simple programming coupled with reliable, consistent accuracy and precision ensures the integrity of your work is always achieved with uncompromised confidence.



### Acquire every tip – EVERY TIME

Positive feedback indicates every tip is securely seated and sealed - no manual manipulations are needed



### Discard every tip – EVERY TIME

An energy-release system uses the force captured during acquisition to simultaneously discard all tips – at the gentle push of a button



### Easy set-up and use of all functions

Multiple Dispense, Pipette, Reverse Pipette, Mix and Serial Dilute operations are available at user-selectable settings

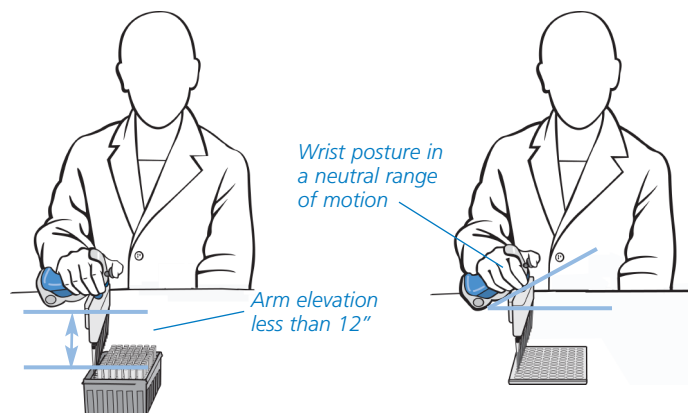


### Effortless pushbutton controls

Select liquid handling functions with just a single keystroke, including recall of stored volume settings

# Ergonomically correct pipetting = Less effort, more comfort

Ovation is designed for ergonomically-correct pipetting – it's shape naturally follows the contours of the palm, and allows the task of pipetting to be performed with a neutral posture and minimal muscular movement. Low hand and arm elevations ease stress in the shoulder and neck, and a stress-free wrist angle eliminates uncomfortable extension and radial deviation movements in the arm. Force, velocity and exertion from repetition or duration have also been neutralized.



A low hand/arm elevation and neutral wrist angle also allows better visibility and greater control for aligning the pipette head with a rack of tips, and guiding tips into microplates.

Pipetting is inherently a labor-intensive, repetitious task – but it doesn't have to be fatiguing or painful. That's something you can change with Ovation – the comfortable choice.

	Celltreat Catalog #		Color	Volume Range	Dispensing Increments	Accuracy*	Precision*	
	8 Channel	12 Channel						
Multichannel Models	1160-0020	1060-0020		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	1060-0125		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	1060-0250		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		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	
	1160-1250			25 – 1250µL	5µL	±0.8% at 1250µL ±1.0% at 625µL ±3.5% at 125µL	0.20% at 1250µL 0.30% at 625µL 0.80% at 125µL	

All electronic Ovation pipettes include a power supply to recharge the pipette's battery.

\* Specifications subject to change

Catalog # 9060-9005 – Power Supply – all Countries

Catalog # 9060-9006 – Power Supply with 4 pipette connections – all Countries

## VistaLab Tips – A fitting companion

To maximize the exceptional performance and benefits of the Ovation Pipette, we recommend using VistaLab tips. "One-size-fits-all" substitute tips can (and probably will) have negative effects on ease of use and performance. VistaLab tips provide a perfect fit **every time** and are available in a variety of volume sizes and packaging configurations.



Whether the requirements of your application require tips that are sterile, certified RNase/ DNase free, non-pyrogenic, filtered or Trace metal certified, there's a genuine VistaLab tips to meet your needs. Visit [www.celltreat.com](http://www.celltreat.com) for complete information on all the tip options for Ovation pipettes.



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