



## Ovation<sup>®</sup> QS

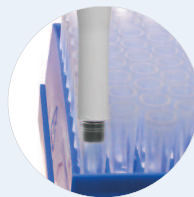
The Better Way To Pipette

- *Electronic Quick Set volume adjust*
- *Mechanical plunger control*
- *Comfortable, ergonomic design*
- *5 custom programmable volume pre-sets*

## Ergonomically correct adjustable volume pipettes.

Ovation Pipettes don't look anything like traditional pipettes. That's because we threw out all preconceived notions of what pipettes should be and totally reinvented the concept of liquid transfer. And we designed a system that not only encourages ergonomically correct pipetting, it requires it.

Ovation pipettes are easy to hold and use without rotating your wrist or hand. The radical, non-axial design doesn't require you to lift your arm — so you can work for hours without shoulder strain. What's the bottom line? Ovation is the first truly ergonomic pipette that reduces discomfort, fatigue, and work-related injuries — while increasing efficiency and accuracy.



### Easy tip acquisition & discard

With the Ovation pipette, an audible "click" indicates that the tip is securely sealed onto the pipette and ready for use. And Ovation requires far less force to discard tips than traditional pipettes – just the gentle push of a button.



### Minimal exertion with every sample

A very low-force, form-fitting plunger allows the user to manually control the speed of aspirating and dispensing with minimal effort.



### Easy access to pre-set volume settings

Five frequently-used aspirating and dispensing volumes can be quickly selected for use at just the touch of a button.



### In-lab calibration made simple

Adjustments are easy when compensation is needed for environmental conditions or different liquid types – without tools! Returning to factory settings (*or any setting*) is made instantly at the touch of a button.



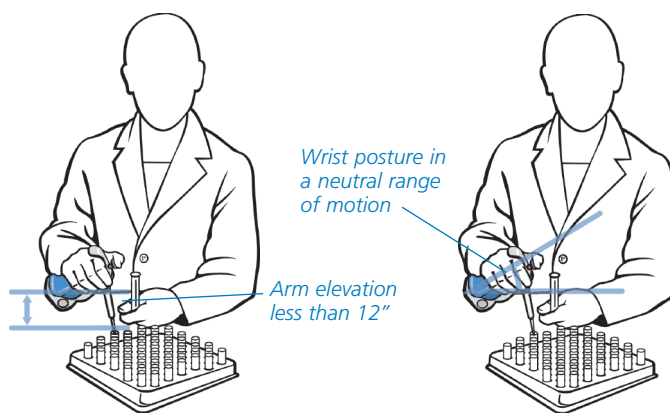
The Ovation Quick Set combines control of a mechanical pipette with the convenience of programmability.

Five frequently used volumes can be easily stored and recalled for use by pressing a single button. And you won't have to fumble with knobs or in-between

settings – the pipette's motor does it for you. Other volume settings can also be selected at precise increments throughout the pipette's volume range.







# Ergonomically correct pipetting = Less effort, more comfort

Ovation is designed for ergonomically-correct pipetting – its 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 acquiring tips, and guiding tips into small vessels such as microtubes.

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.

Quick-Set Adjustable Volume Models	Celltreat 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 Quick-Set Starter Pack (Includes one 2-20µL, one 20-200µL, one 100-1000µL, 3 Ovation shelf hangers and 3 racks of tips.)				



\* Specifications subject to change

## 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 you require tips that are sterile, certified RNase/DNase free, non-pyrogenic, trace metal certified or filtered, there's a genuine VistaLab tip 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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