

 **Ovation.** | Macro5

 **Ovation.** | Macro10

- Excellent accuracy and precision
- Comfortable, ergonomic alternative to using pipette controllers with serological pipets
- Fast, easy multi-dispensing
- Sterile and filtered tips available in new recyclable VistaClear™ boxes



Macro Ovation: Same comfort. Big-time Volume.

Large volume liquid handling often requires uncomfortable and tiring postures. This is especially true for performing procedures in a containment hood. The innovative design of macro Ovation® pipettes allow a relaxed grip and comfortable posture while pipetting volumes up to 10mL.

The macro 5mL and 10mL Ovation pipettes are fully electronic, providing a broad menu of liquid handling functions for rapid, precise and accurate dispensing, up to 50 times from a single aspiration. Volumes, speeds and repetition settings are easy to setup, store and instantly recall for pipetting, mixing, serial diluting or repeat dispensing.

Ovation 5mL and 10mL tips offer easy access into tubes, bottles and cell culture flasks. Standard, sterile and sterile filtered tips are available in several packaging configurations, including recyclable VistaClear™ boxes. When extra length is needed to reach the bottom of tall vessels, both Ovation pipette models can accommodate the use of glass or plastic serological pipets.



Large volume liquid handling with the convenience of disposable tips.

A gentle push is all that's required to acquire a tip, and touching a button ejects it – making large volume pipetting as easy and productive as any other liquid handling task.



Electronic operation eliminates guesswork.

Settings and speeds are easy to set, store and recall for the exacting performance your applications require. Pipetting functions include *multiple (repeat) dispensing, pipetting, pipetting with delayed overblow, mixing, and serial diluting.*






Ovation pipettes stand on their own.

There's no need to worry about tip or counter contamination when it's necessary to put down the pipette in the middle of a procedure.

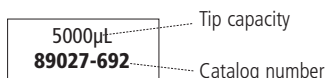


In-lab calibration made simple.

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.

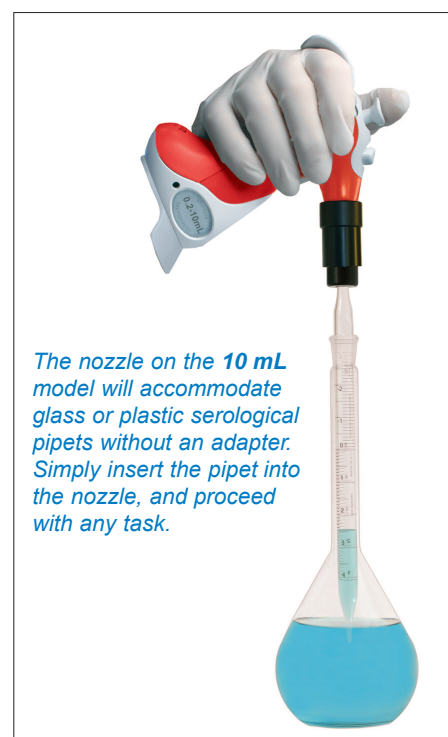
VWR Catalog #	Color	Volume Range	Dispensing Increments	Accuracy*	Precision*	* Specifications subject to change
89027-676		100µL–5000µL	10µL	±0.6% at 5000µL ±0.6% at 2500µL ±2.4% at 500µL	0.16% at 5000µL 0.20% at 2500µL 0.60% at 500µL	
89049-038		200µL–10mL	10µL	±0.6% at 10mL ±1.0% at 5mL ±2.4% at 1mL	0.16% at 10mL 0.20% at 5mL 0.30% at 1mL	
An Ovation Power Supply unit needed to recharge the pipette's battery is included. Adapter to accommodate use of serological pipets is also included with Ovation Macro5.						

Tips and Accessories



TIP DESCRIPTIONS	MODEL:	5 mL	10 mL
	Bulk, 250 graduated ¹ tips/bag (5000µL) or 100 tips/bag (10mL)	5000µL 89027-680	10mL 89049-042
	Box 1 tray, 100 graduated ¹ tips (5000µL)	5000µL 53514-144	
	Filtered ² , pyrogen-free, RNase/DNase certified, sterile, individually wrapped, 50 graduated ¹ tips (5000µL) or 50 tips (10mL)	5000µL 89027-684	10mL 89049-044
	VistaClear™ Box – sterile 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 97002-024	10mL 89049-046
	VistaClear™ Box – filtered, sterile, pyrogen-free, RNase/DNase certified, 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 97002-026	10mL 89049-048

- 1 0.1mL increments
- 2 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.



The nozzle on the 10 mL model will accommodate glass or plastic serological pipets without an adapter. Simply insert the pipet into the nozzle, and proceed with any task.

ACCESSORIES	MODEL:	5 mL	10 mL
	Nozzle Insert, 1/box		89049-054
	Nozzle Filter Kit, 10/bag (5mL) or 5/bag (10mL)	89027-686	89049-052
	Replacement Nozzle, 2/box (5mL) or 1/box (10mL)	89027-688	89049-050
	Ejector Sleeve	89027-690	89049-056
	Sero-Adapter for serological pipets	89027-692	n/a
	Rechargeable lithium ion battery	49000-572	
	Power Supply - all Countries, 90-264VAC, 47-63Hz	89032-164	
	Power Supply w/4 pipette connections - all Countries 90-264VAC, 47-63Hz	89050-116	
Ovation Pipette Stand	53514-192		



The 5 mL model requires an adapter when using serological pipets, which easily attaches to the pipette in place of its standard nozzle (included).

Catalog # 89027-692



1.800.932.5000 | vwr.com

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