

Ovation[®] Macro5 Macro10

The Better Way To Pipette

- Fully electronic Macro volume 5 mL and 10 mL models
- High precision alternative to using pipette controllers with serological pipets
- Fast, easy multi-dispensing
- 2 custom programmable volume pre-sets
- 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 hood. The innovative design of macro Ovation pipettes allow a relaxed grip and comfortable posture while pipetting volumes up to 10mL.

The macro 5 mL and 10 mL 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 5 mL and 10 mL 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 its 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.

Celltreat Catalog No.	Color	Volume Range	Dispensing Increments	Accuracy*	Precision*
1065-05mL		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
1065-10mL		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

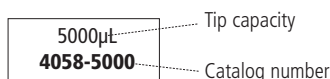
All electronic Ovation pipettes include a power supply to recharge the pipette's battery. Adapter to accommodate use of serological pipets is also included with Ovation Macro5.



Catalog # 9060-9005 – Power Supply – all Countries
 Catalog # 9060-9006 – Power Supply with 4 pipette connections – all Countries

Specifications subject to change

Tips and Accessories

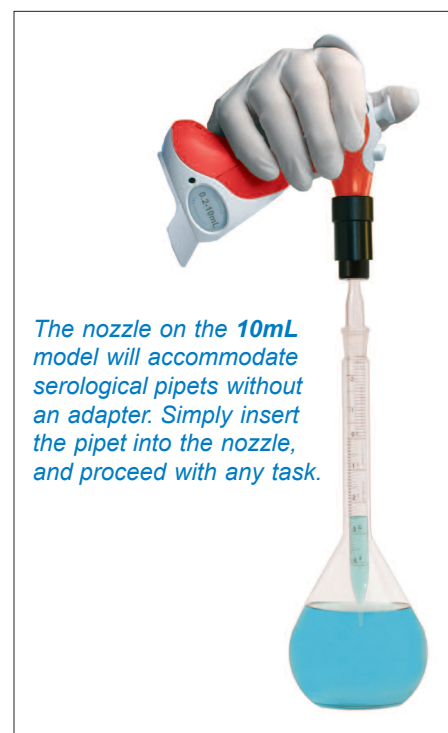


TIP DESCRIPTIONS	MODEL:	
	5 mL	10 mL
Bulk, 250 graduated ¹ tips/bag (5000µL) or 100 tips/bag (10mL)	5000µL 4058-5000	10mL 4058-6000
Box 1 tray, 100 graduated ¹ tips (5000µL) or 35 tips (10mL)	5000µL 9048	10mL 9050
Filtered ² , sterile, non-pyrogenic, certified RNase/DNase free, individually wrapped, 50 graduated ¹ tips (5000 µL) or 50 tips (10 mL)	5000µL 4058-5332	10mL 4058-6332
VistaClear™ Box 35 tips/box		10mL 4058-6100
VistaClear™ Box – sterile 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 4058-5102	10mL 4058-6102
VistaClear™ Box – filtered, sterile, non-pyrogenic, certified RNase/DNase free, 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 4058-5133	10mL 4058-6133

¹ 0.1mL graduations

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.

ACCESSORIES	MODEL:	
	5 mL	10 mL
Nozzle Insert, 1/box		9060-6008
Nozzle Filter Kit, 10/bag (5mL) or 5/bag (10mL)	9060-5009	9060-6009
Replacement Nozzle, 2/box (5mL) or 1/box (10mL)	9060-5010	9060-6010
Ejector Sleeve	9060-5011	9060-6011
Sero-Adapter for serological pipets	9060-5012	n/a
Rechargeable lithium ion battery	9060-4001	
Power Supply - all Countries, 90-264VAC, 47-63Hz	9060-9005	
Power Supply w/4 pipette connections - all Countries 90-264VAC, 47-63Hz	9060-9006	
Ovation Pipette Stand	9057-4003	



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



The 5mL model includes an adapter for use with serological pipets, which easily attaches to the pipette in place of its standard nozzle.

Catalog # 9060-5012

