



Ovation. | Macro5

Ovation. | Macro10

- Excellent accuracy and precision
- Comfortable, ergonomic alternative to serological or volumetric pipettes
- Fast, easy repeat 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 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.

Fisher Scientific Catalog No.	Color	Volume Range	Dispensing Increments	Accuracy*	Precision*
22-146-300		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
22-146-319		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

A left handed model with the LCD screen on the opposite side of the pipette is available upon request.

Note: An Ovation Power Supply unit (sold separately) is needed to recharge the pipette's battery.



Specifications subject to change

Tips and Accessories

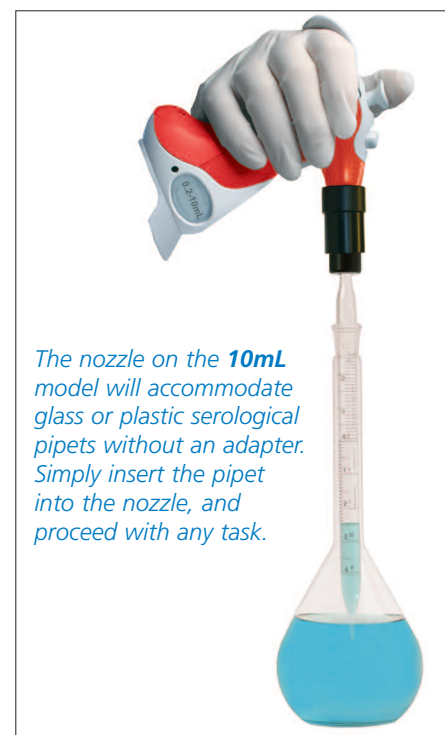


TIP DESCRIPTIONS	MODEL:	5 mL	10 mL
	Bulk, 250 graduated ¹ tips/bag (5000µL) or 100 tips/bag (10mL)	5000µL 21-318-602	10mL 22-146-310
	Box 1 tray, 100 graduated ¹ tips (5000µL) or 35 tips (10mL)	5000µL 21-318-602	10mL 22-146-310
	Filtered ² , pyrogen-free, RNase/DNase certified, sterile, individually wrapped, 50 graduated ¹ tips (5000µL) or 50 tips (10mL)	5000µL 22-146-304	10mL 22-146-325
	VistaClear™ Box 35 tips/box		10mL 22-146-322
	VistaClear™ Box – sterile 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 22-146-688	10mL 22-146-323
	VistaClear™ Box – filtered, sterile, pyrogen-free, RNase/DNase certified, 60 graduated tips/box (5000µL) or 35 tips/box (10mL)	5000µL 22-146-6898	10mL 22-146-324

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.

ACCESSORIES	MODEL:	5 mL	10 mL
	Nozzle Insert, 1/box		22-146-328
	Nozzle Filter Kit, 10/bag (5mL) or 5/bag (10mL)	22-146-305	22-146-327
	Replacement Nozzle, 2/box (5mL) or 1/box (10mL)	22-146-306	22-146-326
	Ejector Sleeve	22-146-307	22-146-329
	Sero-Adapter for serological pipets	22-146-308	n/a
	Rechargeable lithium ion battery	22-147-112	
	Power Supply - all Countries, 90-264VAC, 47-63Hz	22-147-115	
	Power Supply w/4 pipette connections - all Countries 90-264VAC, 47-63Hz	22-147-200	
	Ovation Pipette Stand	22-146-669	



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



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

Order Catalog # 9060-5012

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