

# Diamond

high performance pipettors



Excellence and  
precision for all  
your liquid handling  
procedures.

# Diamond Advance™

ultralight high-performance pipettor

**NEW!**

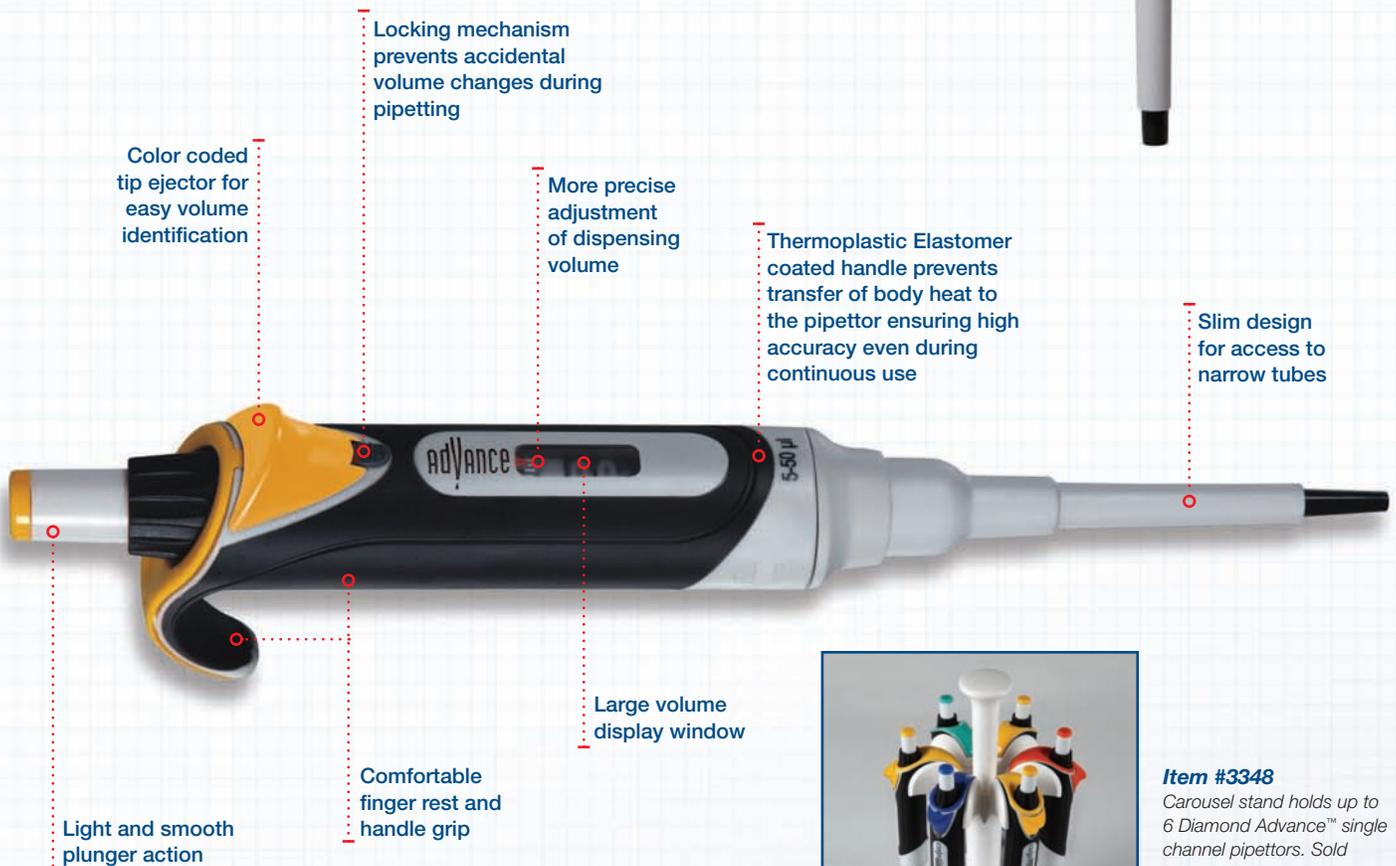


**FULLY  
AUTOCLAVABLE**

The Diamond Advance™ is a high precision, fully autoclavable air displacement pipettor. The Advance™ is made from chemically resistant materials that provide consistent performance and a long service life. The Advance™ is simple to operate, light weight and extremely comfortable to use by both right and left handed users. Utilizing an elastomer grip, fatigue of the hands and fingers is minimized. The unique padding minimizes the transfer of body heat to the pipette, resulting in consistent accuracy. Each pipettor is color coded for quick volume identification. The pipettors are calibrated in an ISO 17025 accredited laboratory and are offered with a 3 year warranty.

The Diamond Advance™ pipettor line is available in single channel, 8-channel and 12-channel models.

- Fully autoclavable and UV resistant
- 3 year warranty
- Light-weight and ergonomic design
- Two step plunger operation allows you to use both forward and reverse pipetting techniques
- Precise adjustment of dispensing volume
- Tip ejector



Color coded tip ejector for easy volume identification

Locking mechanism prevents accidental volume changes during pipetting

More precise adjustment of dispensing volume

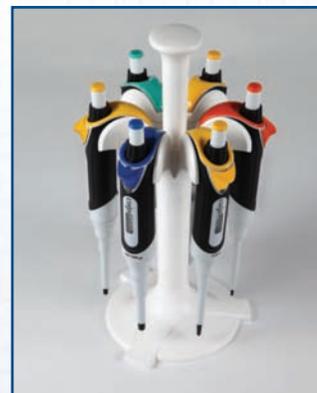
Thermoplastic Elastomer coated handle prevents transfer of body heat to the pipettor ensuring high accuracy even during continuous use

Slim design for access to narrow tubes

Light and smooth plunger action

Comfortable finger rest and handle grip

Large volume display window



**Item #3348**  
Carousel stand holds up to 6 Diamond Advance™ single channel pipettors. Sold separately.

# DiamondAdvance™ Multi-Channel

The Diamond Advance™ 8-channel and 12-channel pipettors are simple to operate, light weight and extremely comfortable to use. They feature a 360° rotating manifold which provides universal right or left hand use. Utilizing an elastomer grip, fatigue of the hands and fingers is minimized. The unique padding minimizes the transfer of body heat to the pipette, resulting in consistent accuracy. Each pipettor is color coded for quick volume identification. The pipettors are calibrated in an ISO 17025 accredited laboratory and are offered with a 3 year warranty.

- Removable, fully autoclavable manifold
- Each channel is calibrated individually
- 3 year warranty
- Light-weight and ergonomic design
- Precise adjustment of dispensing volume
- Tip ejector



## Single Channel/Adjustable Volume

Item #	Volume (µl)	Increments (µl)	Color	Tip Group*
3341-1	0.1-2.5	0.002	Red	A
3341-10	0.5-10	0.02	Red	A
3341-20	2-20	0.02	Red	A
3341-50	5-50	0.1	Yellow	B
3341-100	10-100	0.1	Blue	B
3341-200	20-200	0.2	Lavender	B
3341-1000	100-1000	1	Orange	C
3341-5000	500-5000	10	Green	D
3341-10000	1000-10000	20	Green	F

## Single Channel/Fixed Volume

Item #	Volume (µl)	Color	Tip Group*
3342-2	2.5	Red	A
3342-5	5	Red	B
3342-10	10	Red	B
3342-20	20	Yellow	B
3342-25	25	Yellow	B
3342-50	50	Blue	B
3342-100	100	Lavender	B
3342-200	200	Lavender	B
3342-250	250	Orange	C
3342-500	500	Orange	C
3342-1000	1000	Green	C
3342-2000	2000	Green	D
3342-5000	5000	Green	D
3342-10000	10000	Green	F

## 8-Channel/Adjustable Volume

Item #	Volume (µl)	Increments (µl)	Color	Tip Group*
3344-10	0.5-10	0.02	Red	A
3344-20	2-20	0.02	Yellow	A
3344-50	5-50	0.1	Yellow	B
3344-100	10-100	0.1	Blue	B
3344-200	20-200	0.2	Lavender	B
3344-300	30-300	0.2	Orange	B

## 12-Channel/Adjustable Volume

Item #	Volume (µl)	Increments (µl)	Color	Tip Group*
3345-10	0.5-10	0.02	Red	A
3345-20	2-20	0.02	Yellow	A
3345-50	5-50	0.1	Yellow	B
3345-100	10-100	0.1	Blue	B
3345-200	20-200	0.2	Lavender	B
3345-300	30-300	0.2	Orange	B

\*Refer to Pipette Tip Selection Guide on page 6. Use the Tip Group Code to choose a suitable pipette tip.

# DiamondPRO™ high-performance pipettor

The Diamond PRO™ pipettor is designed with a thermo plastic elastomer grip that minimizes fatigue of hands and fingers. The unique padding not only reduces thumb stress, but also minimizes the transfer of body heat to the pipette, resulting in consistent accuracy.

The pipettors come with a certificate of calibration, a recalibration tool kit and a one year warranty. They are calibrated in an ISO 17025 facility.

- Autoclavable tip cone and lower section assembly
- 1 Year warranty
- Ergonomic, lightweight and soft plunger movement provides added comfort and minimizes fatigue
- Streamlined tip ejector designed for access to narrow-necked tubes and containers
- Two step plunger operation allows you to use both forward and reverse pipetting techniques
- Color coded for easy identification

## Adjustable Volume

Item #	Volume (µl)	Color	Tip Group*
3311-1	0.1-2.5	Red	A
3311-10	0.5-10	Red	A
3311-20	2-20	Red	A
3311-50	5-50	Yellow	B
3311-100	10-100	Blue	B
3311-200	20-200	Lavender	B
3311-1000	100-1000	Orange	C
3311-5000	1000-5000	Green	E

## Fixed Volume

Item #	Volume (µl)	Color	Tip Group*
3312-5	5	Red	B
3312-10	10	Red	B
3312-15	15	Red	B
3312-20	20	Yellow	B
3312-25	25	Yellow	B
3312-50	50	Blue	B
3312-100	100	Lavender	B
3312-200	200	Lavender	B
3312-250	250	Orange	C
3312-500	500	Orange	C
3312-1000	1000	Green	C
3312-2000	2000	Green	E
3312-5000	5000	Green	E

\*Refer to Pipette Tip Selection Guide on page 6. Use the Tip Group Code to choose a suitable pipette tip.



**Item #3310-6**  
Pipettor Stand holds up to 6 Diamond or Diamond Pro™ single channel pipettors. 4-Place stand also available. Each sold separately.

# Diamond high-performance pipettor

The Diamond pipettor is a cost-effective alternative to high priced name-brand pipettors. Manufactured for high accuracy and precision, our Diamond pipettors come with a certificate of calibration, a recalibration tool kit and a one year warranty. They are calibrated in an ISO 17025 facility.



Available pipette tips fit all Diamond pipettors. See page 6 for ordering information.



**Item #3310-4**  
Pipettor Stand holds up to 4 Diamond or Diamond Pro™ single channel pipettors. 6-Place stand also available. Each sold separately.

## Adjustable Volume

Item #	Volume (µl)	Color	Tip Group*
3301-1	0.1-2.5	Pink	A
3301-10	0.5-10	Pink	A
3301-20	2-20	Pink	A
3301-50	5-50	Yellow	B
3301-100	10-100	Blue	B
3301-200	20-200	Lavender	B
3301-1000	100-1000	Orange	C
3301-5000	1000-5000	Green	E

## Fixed Volume

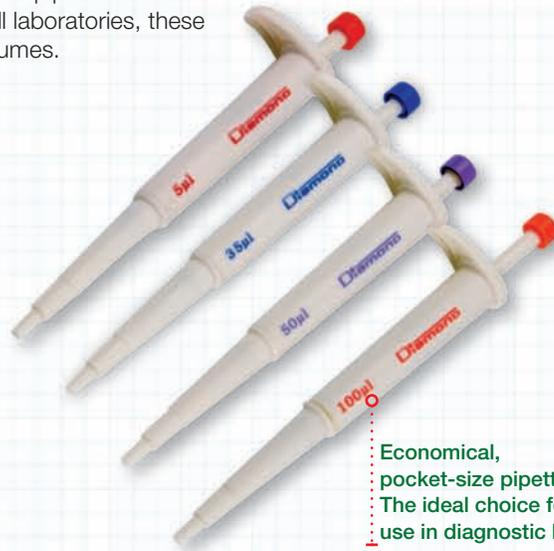
Item #	Volume (µl)	Color	Tip Group*
3302-1	1	Pink	A
3302-2	2	Pink	A
3302-5	5	Pink	B
3302-10	10	Pink	B
3302-15	15	Pink	B
3302-20	20	Yellow	B
3302-25	25	Yellow	B
3302-30	30	Yellow	B
3302-40	40	Blue	B
3302-50	50	Blue	B
3302-100	100	Lavender	B
3302-200	200	Lavender	B
3302-250	250	Orange	C
3302-500	500	Orange	C
3302-1000	1000	Green	C
3302-2000	2000	Green	E
3302-3000	3000	Green	E
3302-5000	5000	Green	E

\*Refer to Pipette Tip Selection Guide on page 6. Use the Tip Group Code to choose a suitable pipette tip.

# Diamond Jr. Pocket-Size Pipettor

Diamond Jr. pipettors are pocket-sized versions of our high-precision Diamond pipettors. Designed for use in diagnostic kits, water testing, science classrooms and all laboratories, these pipettors provide an economical and accurate method for pipetting fixed volumes.

- Fits easily in a lab coat pocket
- Completely autoclavable
- Two-stage plunger for last-drop dispensing
- Color-coded for easy identification
- Ideal for diagnostic kits where an economical pipettor is required
- Manufactured in an ISO 9001:9002 facility



Economical, pocket-size pipettor. The ideal choice for use in diagnostic kits.

Item #	Volume (µl)	Color	Tip Group*
3322-5	5	Red	A
3322-10	10	Pink	A
3322-20	20	Green	B
3322-25	25	Green	B
3322-35	35	Blue	B
3322-50	50	Purple	B
3322-100	100	Orange	B

\*Refer to Pipette Tip Selection Guide on page 6. Use the Tip Group Code to choose a suitable pipette tip.

# DiamondSeroLogic™

portable pipette controller



The Diamond SeroLogic™ portable pipette controller is a rechargeable electronic pipetting aid designed for use with glass or plastic serological pipettes in the 0.1 to 100mL volume range. It is lightweight and ergonomically designed for effortless pipetting even during extensive use.

- One year warranty
- Low battery indicator
- Powerful 3-speed engine
- Removable nose cone is autoclavable
- Ergonomic design with soft grip buttons
- Up to eight hours of continuous use on a single charge
- Conveniently located speed control switch for one-handed operation
- The supplied charger is protected against over-charging, overheating and short circuiting
- Safety valve and replaceable membrane filter provide double protection against fluid and aerosol contamination



Item #	Description	Unit
3380	SeroLogic™ Portable Pipette Controller	Each

**Package Includes:**

Diamond SeroLogic™ portable pipette controller, two 1000mAH NiMH rechargeable batteries, battery charger, three PTFE membrane filters: (1) 0.20 µm, (2) 0.45 µm (one installed), desktop stand and wall mounting bracket.

We also offer a complete line of high quality serological pipettes. Please call for more information or to request our Serological Pipette Brochure.



# Pipette Tip Selection Guide

Tip Group	Item#	Volume	Color	Sterility	Package Type	Unit
A	<b>Low Retention Micro Tip</b>					
	151154	0.1-10 µl	Natural	Non-Sterile	1000 Tip Bag	1000
	151154R-96	0.1-10 µl	Natural	Non-Sterile	96 Tip Rack	960
	151154RS-96	0.1-10 µl	Natural	Sterile	96 Tip Rack	960
	<b>Low Retention Filter Tip</b>					
	153800	0.1-10 µl	Natural	Sterile	96 Tip Rack	960
B	<b>Standard Tip</b>					
	152143	1-200 µl	Yellow	Non-Sterile	1000 Tip Bag	1000
	152143R	1-200 µl	Yellow	Non-Sterile	200 Tip rack, 5 Racks/Stack	1000
	<b>Low Retention, Reference Tip (Graduated)</b>					
	151150	1-200 µl	Natural	Non-Sterile	1000 Tip Bag	1000
	151150R	1-200 µl	Natural	Non-Sterile	200 Tip rack, 5 Racks/Stack	1000
	151150R-96	1-200 µl	Natural	Non-Sterile	96 Tip Rack	960
	151150RS-96	1-200 µl	Natural	Sterile	96 Tip Rack	960
	151150Y	1-200 µl	Yellow	Non-Sterile	1000 Tip Bag	1000
	151150YR	1-200 µl	Yellow	Non-Sterile	200 Tip rack, 5 Racks/Stack	1000
	151150YR-96	1-200 µl	Yellow	Non-Sterile	96 Tip Rack	960
	151150YRS-96	1-200 µl	Yellow	Sterile	96 Tip Rack	960
	151151	1-300 µl	Natural	Non-Sterile	1000 Tip Bag	1000
	151151R	1-300 µl	Natural	Non-Sterile	200 Tip Rack, 5 Racks/Stack	1000
	151151R-96	1-300 µl	Natural	Non-Sterile	96 Tip Rack	960
	151151RS-96	1-300 µl	Natural	Sterile	96 Tip Rack	960
	<b>Low Retention Filter Tip (Graduated)</b>					
	153810	1-20 µl	Natural	Sterile	96 Tip Rack	960
	153815	1-100 µl	Natural	Sterile	96 Tip Rack	960
	153820	1-200 µl	Natural	Sterile	96 Tip Rack	960
153825	1-250 µl	Natural	Sterile	96 Tip Rack	960	
C	<b>Standard Tip</b>					
	151146	100-1000 µl	Blue	Non-Sterile	1000 Tip Bag	1000
	151146R	100-1000 µl	Blue	Non-Sterile	200 Tip rack, 5 Racks/Stack	1000
	<b>Low Retention, Reference Tip (Graduated)</b>					
	151152	100-1000 µl	Natural	Non-Sterile	1000 Tip Bag	1000
	151152R	100-1000 µl	Natural	Non-Sterile	200 Tip Rack, 5 Racks/Stack	1000
	151152R-100	100-1000 µl	Natural	Non-Sterile	100 Tip Rack	1000
	151152RS-100	100-1000 µl	Natural	Sterile	100 Tip Rack	1000
	151152B	100-1000 µl	Blue	Non-Sterile	1000 Tip Bag	1000
	151152BR	100-1000 µl	Blue	Non-Sterile	200 Tip Rack, 5 Racks/Stack	1000
	151152BR-100	100-1000 µl	Blue	Non-Sterile	100 Tip Rack	1000
	151152BRS-100	100-1000 µl	Blue	Sterile	100 Tip Rack	1000
	151153	100-1250 µl	Natural, Extra Long	Non-Sterile	1000 Tip Bag	1000
	<b>Low Retention Filter Tip (Graduated)</b>					
	153830	100-1000 µl	Natural	Sterile	100 Tip Rack	1000
153835	100-1000 µl	Natural, Extra Long	Sterile	100 Tip Rack	1000	
D	151244	500-5000 µl	Natural	Non-Sterile	250 Tip Bag	250
E	151247	500-5000 µl	Natural	Non-Sterile	250 Tip Bag	250
F	151249	1000-10,000 µl	Natural	Non-Sterile	250 Tip Bag	250

# Diamond RV-Pette™ Repeat Volume Pipettor

The RV-Pette™ provides accurate and reproducible repetitive pipetting from the single filling of a disposable tip. Use of the RV-Pette™ saves time and reduces the fatigue associated with repetitive pipetting using a standard pipettor. Twenty nine different volumes between 1µL and 5000µL may be dispensed with this pipette. As many as 48 pipetting steps may be carried out without refilling the reservoir tip. Samples can be dispensed at intervals as fast as 1 second without compromising accuracy or reproducibility. The slender body of the RV-pette™ fits comfortably in the natural contour of your hand. The plunger is located on the top of the unit, like that of a standard pipette, for easy access and reduction of hand strain. The RV-Pette™ is simple to use — select the appropriate tip and lock in place. Then choose the desired volume setting with the click stop adjustment dial and fill the tip with the required volume using

the sliding fill lever. To dispense, depress the plunger. For convenience, a chart showing the volume dispensed for each tip size and dial position is located on the body of the pipette. The RV-Pette™ performs best when used with Globe's dispenser syringe tips.

- Maintenance free.
- Use with Globe Dispenser Syringe Tips.
- Comes with a certificate of calibration and one year warranty.



Convenient tip selection chart located on the body of the pipette.

Our dispenser syringe tips are compatible with the Eppendorf® Repeater® Pipettor and most other popular repeat volume pipettors. Please inquire with your particular need.

Item #	Description	Unit
3250	RV-Pette™ Repeat Volume Pipettor	Each

## Dispenser Syringe Tips

Globe's repeat volume pipettor syringe tips are available eight sizes including 0.05mL, 0.5mL, 1.25mL, 2.5mL, 5.0mL, 12.5mL, 25mL and 50mL. Each is made of durable polypropylene with a polyethylene inner plunger. Each tip may be used to dispense five different repetitive sample volumes. Globe's dispenser tips are conveniently offered in packages of 100, either non-sterile or sterile. The 25mL and 50mL sizes come with four reusable, autoclavable adapters.

Non-Sterile		Sterile*		
Item #	Item #	Size	Dispensing Volumes (µl)	Unit
3900	3900S	0.05mL	1, 2, 3, 4, 5µl	100
3901	3901S	0.5mL	10, 20, 30, 40, 50µl	100
3902	3902S	1.25mL	25, 50, 75, 100, 125µl	100
3903	3903S	2.5mL	50, 100, 150, 200, 250µl	100
3904	3904S	5.0mL	100, 200, 300, 400, 500µl	100
3905	3905S	12.5mL	250, 500, 750, 1000, 1250µl	100
3908	3908S	25mL	500, 1000, 1500, 2000, 2500µl	100
3906	3906S	50mL	1, 2, 3, 4, 5ml	100

\*Sterile tips are available as special order, minimum 4 boxes of 100.



**Thomas Scientific** We Believe You Are Important  
— How Can We Help?

800.345.2100 • 800.345.5232 fax  
PO Box 99 • Swedesboro, NJ 08085  
[www.thomassci.com](http://www.thomassci.com) • [value@thomassci.com](mailto:value@thomassci.com)