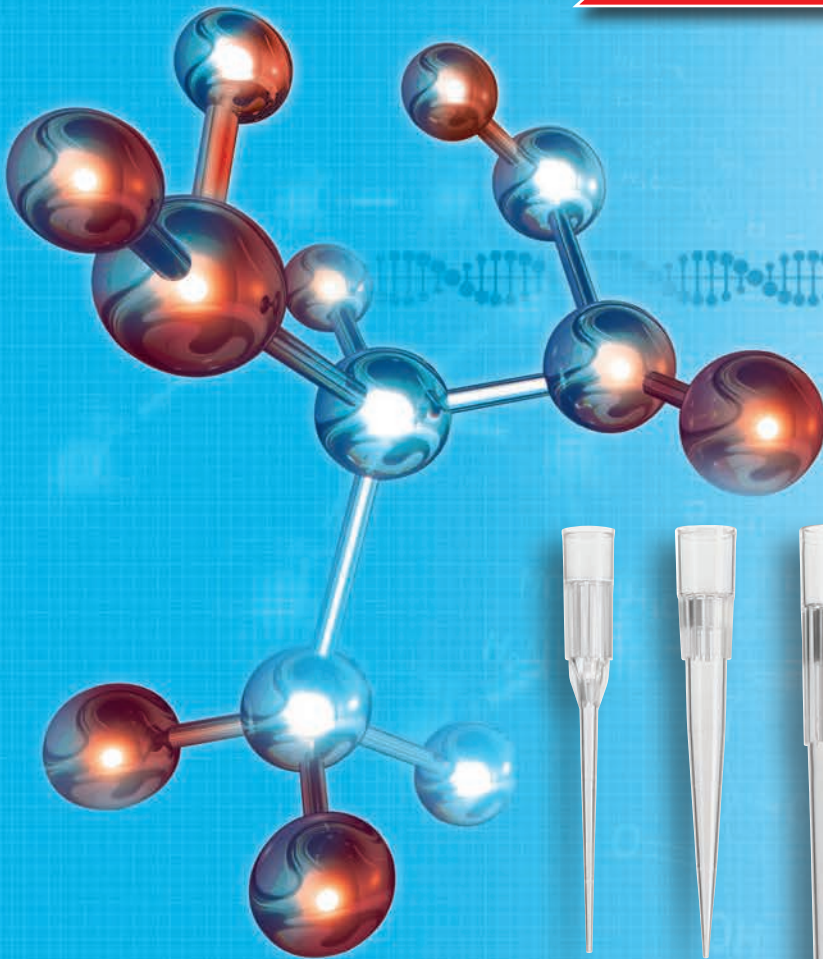




# DiamondPosi**Stop**™

LTS Compatible Pipette Tips & Low Force Pipettors

**ALL NEW!**





# Diamond PosiStop™

## LTS-Compatible Pipette Tips

### Diamond™ PosiStop™ LTS-Compatible Pipette Tips

Diamond™ PosiStop™ LTS-compatible pipette tips help improve laboratory accuracies by ensuring a positive seal between pipettor and pipette tip. Optimized for LTS-style pipettors, they feature a unique 'positive stop' cylindrical collar with a fail-safe mechanism. This innovative design ensures a reliable seal, enhancing both accuracy and precision in assays, and contributes to consistent and reproducible results, while also offering improved ergonomic comfort.

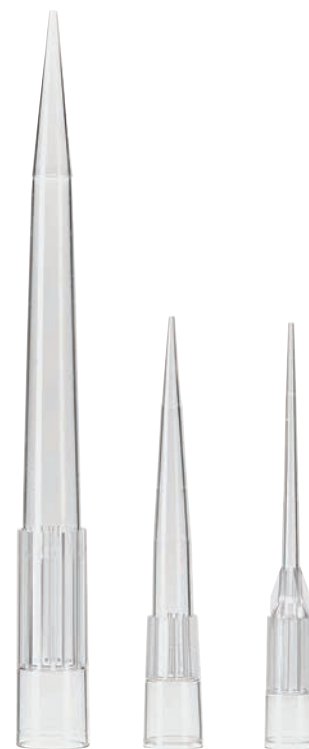
Every PosiStop™ pipette tip undergoes meticulous testing post-cleanroom production, ensuring they are free of detectable RNase, DNase, pyrogens, endotoxins, and PCR inhibitors. This guarantees that valuable reagents remain uncontaminated, optimal and pure.

### PosiStop™ Pipette Tips Features Include:

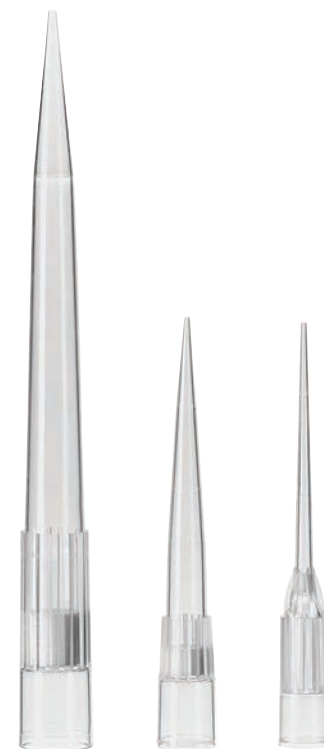
- Designed for optimal performance with LTS pipettors, including Diamond™ PosiStop™ and Rainin LTS models
- Made from medical grade virgin polypropylene, free of any metal contaminants
- Rigorously tested and certified to be free from detectable DNase, RNase, pyrogens, PCR inhibitors, and endotoxins, ensuring the highest level of purity for critical experiments
- Manufactured in a state-of-the-art 100k cleanroom facility utilizing advanced automated processes
- Featuring color-coded rack inserts for quick and effortless identification and matching with Diamond™ PosiStop™ pipettors
- All tips have graduation marks, providing a visual reference to reduce the chance of errors during sample aspiration
- Equipped with specially designed polyethylene (PE) filters that effectively block aerosols, significantly reducing the risk of cross-contamination
- Available in a variety of styles to meet specific requirements: Filter, non-filter, standard, and low retention options
- Offered in multiple packaging formats: Rack, bulk, reload, and eco-friendly GreenRacks™

### PosiStop™ GreenRacks™

Available PosiStop™ GreenRack™ tip boxes offer an eco-friendly solution, significantly reducing environmental impact with their lightweight, compact, and 100% biodegradable material, cutting plastic use by approximately 60%. These boxes ensure easy, guilt-free disposal, and are compatible with both single-channel and multi-channel pipettes, streamlining lab work while supporting environmental sustainability.



*Posi-Stop™ non-filter tips are available in standard, standard sterile, and low retention varieties*



*Posi-Stop™ filter tips are available in standard sterile, and sterile low retention varieties*

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## Racked Tips

Experience organized efficiency with racked tips, perfectly arranged for immediate use. These pre-racked pipette tips ensure a contamination-free setup, ready to streamline your lab workflow.

Item #	Volume	Tip Length	Filter	Sterility	Low Retention	Packaging
154005R	20µL	49mm				96 Tips/Rack, 10 Racks/Box
154005RS	20µL	49mm		Sterile		96 Tips/Rack, 10 Racks/Box
154105RS	20µL	49mm		Sterile	Yes	96 Tips/Rack, 10 Racks/Box
154205RS	20µL	49mm	Yes	Sterile		96 Tips/Rack, 10 Racks/Box
154305RS	20µL	49mm	Yes	Sterile	Yes	96 Tips/Rack, 10 Racks/Box
154020R	200µL	50mm				96 Tips/Rack, 10 Racks/Box
154020RS	200µL	50mm		Sterile		96 Tips/Rack, 10 Racks/Box
154120RS	200µL	50mm		Sterile	Yes	96 Tips/Rack, 10 Racks/Box
154220RS	200µL	50mm	Yes	Sterile		96 Tips/Rack, 10 Racks/Box
154320RS	200µL	50mm	Yes	Sterile	Yes	96 Tips/Rack, 10 Racks/Box
154035R	1000µL	86mm				96 Tips/Rack, 6 Racks/Box
154035RS	1000µL	86mm		Sterile		96 Tips/Rack, 6 Racks/Box
154135RS	1000µL	86mm		Sterile	Yes	96 Tips/Rack, 6 Racks/Box
154235RS	1000µL	86mm	Yes	Sterile		96 Tips/Rack, 6 Racks/Box
154335RS	1000µL	86mm	Yes	Sterile	Yes	96 Tips/Rack, 6 Racks/Box



## Reload Stacks

Reload stack tips are designed for eco-conscious labs seeking practicality without waste. Easily refill your existing racks with these tips, combining environmental responsibility with lab efficiency.

Item #	Volume	Tip Length	Filter	Sterility	Low Retention	Packaging
154005F	20µL	49mm				96 Tips/Tray, 10 Trays/Stack
154005FS	20µL	49mm		Sterile		96 Tips/Tray, 10 Trays/Stack
154105FS	20µL	49mm		Sterile	Yes	96 Tips/Tray, 10 Trays/Stack
154020F	200µL	50mm				96 Tips/Tray, 10 Trays/Stack
154020FS	200µL	50mm		Sterile		96 Tips/Tray, 10 Trays/Stack
154120FS	200µL	50mm		Sterile	Yes	96 Tips/Tray, 10 Trays/Stack
154035F	1000µL	86mm				96 Tips/Tray, 6 Trays/Stack
154035FS	1000µL	86mm		Sterile		96 Tips/Tray, 6 Trays/Stack
154135FS	1000µL	86mm		Sterile	Yes	96 Tips/Tray, 6 Trays/Stack



## Empty Racks

Item #	Description	Packaging
154405	Empty Racks for use with 20µL tips	10 Racks/Box
154420	Empty Racks for use with 200µL tips	10 Racks/Box
154435	Empty Racks for use with 1000µL tips	10 Racks/Box







## GreenRacks™

Embrace sustainability with our GreenRacks™ tips, the eco-friendly choice for modern laboratories. These tips come in environmentally responsible packaging, reducing waste without compromising on quality or convenience.

Item #	Volume	Tip Length	Filter	Sterility	Low Retention	Packaging
154005ER	20µL	49mm				96 Tips/GreenRack, 10 GreenRacks/Box
154005ERS	20µL	49mm		Sterile		96 Tips/GreenRack, 10 GreenRacks/Box
154205ERS	20µL	49mm	Yes	Sterile		96 Tips/GreenRack, 10 GreenRacks/Box
154105ERS	20µL	49mm		Sterile	Yes	96 Tips/GreenRack, 10 GreenRacks/Box
154305ERS	20µL	49mm	Yes	Sterile	Yes	96 Tips/GreenRack, 10 GreenRacks/Box
154020ER	200µL	50mm				96 Tips/GreenRack, 10 GreenRacks/Box
154020ERS	200µL	50mm		Sterile		96 Tips/GreenRack, 10 GreenRacks/Box
154220ERS	200µL	50mm	Yes	Sterile		96 Tips/GreenRack, 10 GreenRacks/Box
154120ERS	200µL	50mm		Sterile	Yes	96 Tips/GreenRack, 10 GreenRacks/Box
154320ERS	200µL	50mm	Yes	Sterile	Yes	96 Tips/GreenRack, 10 GreenRacks/Box
154035ER	1000µL	86mm				96 Tips/GreenRack, 6 GreenRacks/Box
154035ERS	1000µL	86mm		Sterile		96 Tips/GreenRack, 6 GreenRacks/Box
154235ERS	1000µL	86mm	Yes	Sterile		96 Tips/GreenRack, 6 GreenRacks/Box
154135ERS	1000µL	86mm		Sterile	Yes	96 Tips/GreenRack, 6 GreenRacks/Box
154335ERS	1000µL	86mm	Yes	Sterile	Yes	96 Tips/GreenRack, 6 GreenRacks/Box

## Bulk Bags

Cost-effective bulk tips are ideal for high-volume laboratories. Provided in bulk packaging, these tips offer convenience and economy for your day-to-day lab operations.

Item #	Volume	Tip Length	Filter	Sterility	Low Retention	Packaging
154005	20µL	49mm				1000 Tips/Bag
154005S	20µL	49mm		Sterile		1000 Tips/Bag
154205	20µL	49mm	Yes			1000 Tips/Bag
154205S	20µL	49mm	Yes	Sterile		1000 Tips/Bag
154105S	20µL	49mm		Sterile	Yes	1000 Tips/Bag
154305S	20µL	49mm	Yes	Sterile	Yes	1000 Tips/Bag
154020	200µL	50mm				1000 Tips/Bag
154020S	200µL	50mm		Sterile		1000 Tips/Bag
154220	200µL	50mm	Yes			1000 Tips/Bag
154220S	200µL	50mm	Yes	Sterile		1000 Tips/Bag
154120S	200µL	50mm		Sterile	Yes	1000 Tips/Bag
154320S	200µL	50mm	Yes	Sterile	Yes	1000 Tips/Bag
154035	1000µL	86mm				1000 Tips/Bag
154035S	1000µL	86mm		Sterile		1000 Tips/Bag
154235	1000µL	86mm	Yes			1000 Tips/Bag
154235S	1000µL	86mm	Yes	Sterile		1000 Tips/Bag
154135S	1000µL	86mm		Sterile	Yes	1000 Tips/Bag
154335S	1000µL	86mm	Yes	Sterile	Yes	1000 Tips/Bag



# Diamond PosiStop™

## Single Channel Pipettors

### Diamond™ PosiStop™ Single Channel Pipettors

Building on the success of the Diamond™ APEX™ series, Globe Scientific is excited to offer the Diamond™ PosiStop™ range of LTS-compatible pipettors. The Diamond™ PosiStop™ line embodies the pinnacle of pipettor technology, combining unparalleled precision with exceptional user comfort.

**Precision and consistency:** The magnetically assisted piston design ensures pinpoint accuracy and consistent repeatability in all pipetting actions, from the first to the second stop. This precision is further enhanced by our innovative spring and seal design, which results in one of the lowest plunger forces in the industry. Additionally, the unique silicone shock absorber in the tip ejection mechanism significantly reduces user fatigue, making lab work more comfortable.

**Built to last:** Durability is a key feature of the Diamond™ PosiStop™ pipettors, thanks to the robust PVDF material used for the tip cone and ejector. This resilience is matched with the confidence of being calibrated in an ISO17025 compliant facility. Plus, each pipettor comes with a 3-year warranty for complete peace of mind.

**Ergonomic excellence:** Like the Diamond™ APEX™, the new LTS-compatible Diamond™ PosiStop™ pipettors excel in ergonomic design and ease of use. Experience the next chapter in the renowned legacy of Globe Scientific's Diamond™ series of pipettors.

### Key features for optimal performance:

- **Fully autoclavable and UV resistant:** Ensuring durability and adaptability in various laboratory environments
- **3-Year warranty:** Providing extended assurance of quality and performance
- **Color-coded plunger inserts:** For quick and easy volume identification, streamlining your laboratory processes
- **Low plunger force:** Offering a virtually fatigue-free pipetting experience
- **Magnetically assisted piston:** Guarantees extremely high accuracy and consistency
- **Ergonomically designed and lightweight:** Enhances comfort during prolonged use
- **Precise volume adjustment:** Allows for exact measurements and control
- **Secure locking mechanism:** Prevents accidental volume changes, ensuring reliable results
- **Available in adjustable and fixed volume models:** Catering to diverse laboratory needs with specific requirements

*Compatible with all LTS-style pipette tips*



# DiamondPosiStop™

## Pipettors

Compatible with all LTS-style pipette tips

**FULLY  
AUTOCLAVABLE**

Color-coded plunger for easy volume identification

Large display window with easy to read setpoint

Unique shock absorbing tip ejection mechanism

Corrosion-resistant PVDF tip cone

Magnet assisted piston for consistent, precise results

Precise volume adjustment

Durable, corrosion-resistant PVDF tip ejector

Smooth, low force plunger

Locking mechanism prevents accidental volume changes

### Single Channel

Item #	Volume (µl)	Color
3361-1	0.1 - 2.5	Red
3361-10	0.5 - 10	Red
3361-20	2 - 20	Red
3361-50	5 - 50	Green
3361-100	10 - 100	Green
3361-200	20 - 200	Green
3361-1000	100 - 1000	Blue
3362-2	2.5	Red
3362-5	5	Red
3362-10	10	Red
3362-20	20	Red
3362-25	25	Red
3362-50	50	Green
3362-100	100	Green
3362-200	200	Green
3362-250	250	Blue
3362-500	500	Blue
3362-1000	1000	Blue

# Diamond PosiStop™

## Multi-Channel Pipettors

### Globe Scientific Diamond PosiStop Multi-Channel Pipettors

The Diamond™ PosiStop™ 8-channel and 12-channel pipettors incorporate all the outstanding features of the single-channel variants and more.

**Enhanced flexibility and precision:** The Diamond™ PosiStop™ multi-channel pipettors boast a 360° rotating manifold, facilitating both vertical and horizontal positioning during aspirating or dispensing. This feature significantly improves ease of use and adaptability in various lab scenarios. Each channel is individually calibrated, ensuring uniformity and precision across all channels.

### Key features for optimal performance:

- **Individually calibrated channels:** Ensures consistent accuracy across all channels.
- **Removable manifold:** Facilitates easy volume identification, optimizing workflow efficiency.
- **Available in 8-channel and 12-channel, adjustable volume models:** Catering to diverse laboratory needs with specific requirements.

### 8-Channel

Item #	Volume (µl)	Color
3364-10	0.5 - 10	Red
3364-20	2 - 20	Red
3364-50	5 - 50	Green
3364-100	10 - 100	Green
3364-200	20 - 200	Green
3364-300	30 - 300	Yellow

### 12-Channel

Item #	Volume (µl)	Color
3365-10	0.5 - 10	Red
3365-20	2 - 20	Red
3365-50	5 - 50	Green
3365-100	10 - 100	Green
3365-200	20 - 200	Green
3365-300	30 - 300	Yellow

**FULLY  
AUTOCLAVABLE**

Manifold rotates  
360° for vertical or  
horizontal positioning

**360°**





# Diamond PosiStop™

## Starter Packs and Carousel

Explore PosiStop™ starter packs, a complete solution tailored for any laboratory setting. These bundles include precision engineered PosiStop™ pipettes, an assortment of high-quality tips, various reagent reservoirs, and a convenient pipette carousel. Designed to blend seamlessly into lab activities, each starter pack combines practicality, efficiency, and ease of use, for accurate and efficient liquid handling. These packs also provide an economical advantage by offering cost savings compared to individual item purchases. Ideal for establishing a new lab or upgrading existing equipment, PosiStop™ starter packs are an essential resource for advanced research and experimentation.

over  
**45% OFF**

**list price of items if  
purchased separately!**

### Item #3361-COMBO:

- 3 adjustable volume Diamond® PosiStop™ pipettors:  
2-20uL, 20-200uL, 100-1000uL
- 3 full boxes of racked, sterile pipette tips:  
20uL (1 Box of 960 tips, 10 racks per box)  
200uL (1 Box of 960 tips, 10 racks per box)  
1000uL (1 Box of 576 tips, 10 racks per box)
- 5 Each: 10mL, 25mL, 50mL reagent reservoirs
- 6-Place carousel pipette stand

### Item #3361-COMBOFT:

- Same as above but replacing standard pipette tips with our low-retention **FILTER** pipette tips



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