



# ClipTip pipetting systems

Sealed in security | Feel the difference

# Breakthrough ClipTip technology

Achieve newfound confidence with the Thermo Scientific™ ClipTip™ pipetting system that locks tips firmly in place to help avoid them loosening or falling off, regardless of application pressure. You can actually feel the tips lock firmly in place with a light touch, making daily pipetting a more enjoyable experience—no more forcefully pushing or hitting the tips on your pipette to ensure that they are properly attached and sealed.



## Worry-free pipetting is finally here with the only tip that clips on

### Help eliminate the frustration of banging, checking, and rocking tips on your pipette

With a light touch, each tip is “clipped” securely on the pipette.

### Minimize the risk of loose or leaking tips

When Thermo Scientific™ ClipTip™ pipette tips are on, they are sealed and will not loosen. The ClipTip pipetting system remains sealed until you decide to eject tips, even in the most comprehensive applications, including multiple tip touches and mixing cycles.

### Enable consistent and reproducible pipetting from user to user

Experience high-quality results and efficient research.

4 | ClipTip electronic pipettes

11 | F1-ClipTip manual pipettes

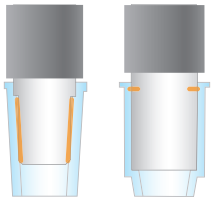
13 | ClipTip electronic system ordering information

15 | F1-ClipTip system ordering information

# You'll feel the difference the first time you use the ClipTip pipetting system

## Achieving a quality seal in daily pipetting is a challenge

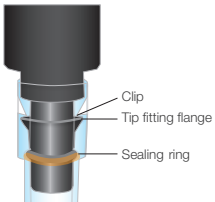
The ideal solution is for the pipette and tip to form a system that increases confidence in reproducibility, reduces forces required to attach and detach the system, and secures the best possible accuracy and precision.



### Friction-sealing systems

Pipettes with a friction-seal system rely on a user's force to attach tips to the pipette, which varies from user to user.

- Increased tip attachment and ejection forces
- Loose tips can drop off or leak air
- Decreased confidence in reproducibility of results
- Premature tip cone wear



### ClipTip system

By clipping the tips to the pipette with a light touch, the ClipTip system optimizes comfort, accuracy, and precision.

- Extremely low tip attachment and ejection forces
- Reproducibility you can count on
- Designed to create a complete seal on every channel
- Helps avoid loose tips



“They are user-friendly and accurate, and the ClipTip technology makes it easy to change tips in the middle of an assay without any difficulties. When using a multichannel pipette, it’s easy for tips to fall off, resulting in inaccurate volumes and, if really unlucky, contamination; but with the E1-ClipTip pipettes, the tips clip on effortlessly and stay on throughout your sampling. We have various versions of the pipettes in our lab and plan to continue using them because of their exceptional quality.”

—Lab manager, US

See it in action at  
[thermofisher.com/cliptip](https://thermofisher.com/cliptip)



## Electronic pipettes

### Feel the difference with ClipTip pipettes

#### An optimal solution for complex protocols

When combined with interlocking ClipTip technology, the electronic pipetting action and flexible user interface of Thermo Scientific™ FluidEase™ ClipTip™ electronic pipettes enable efficient use of precious time and resources.

#### Electronic operation helps you enjoy pipetting again

Designed for optimum comfort and ease of use, the electronic tip ejection and index finger pipetting action let your thumb relax during pipetting.

#### Well suited for multiple users and environments

Personalized user interface and password protection enable unified operation among multiple users.

#### Connected pipetting via Bluetooth™ technology or USB cable

Connect your FluidEase ClipTip pipette to the Thermo Scientific™ My Pipette™ Creator app on your PC to easily create programs, download prewritten protocols, and share protocols between pipettes and colleagues.

# Elegantly simple from trigger to tip

Ergonomic FluidEase ClipTip electronic pipettes are as fast and easy-to-use as manual pipettes and help improve accuracy

## 1. Touchscreen

High-resolution touchscreen delivers fast, intuitive control, allowing you to program workflows in seconds with simple gestures. Compatible with laboratory gloves, it helps keep every task smooth, efficient, and uninterrupted.

## 2. Balanced and ergonomic for reduced strain

This pipette is designed for all-day comfort with a balanced, comfortable feel that reduces hand fatigue during repetitive pipetting. Its natural grip and smooth electronic motion support a relaxed, steady hand posture, helping users maintain precision through long workflows. Whether performing quick routine transfers or extended experiments, it supports user comfort and a consistent, accurate performance.

## 3. ClipTip technology

Consistent seal to help support accurate and precise pipetting.

## 4. My Pipette Creator

Program your pipette away from the bench and transfer with ease.

## 5. Index finger trigger and adjustable finger hook

The index finger trigger shifts effort away from the thumb, creating a more relaxed and intuitive pipetting motion. The adjustable finger hook enhances hand support, helping ease strain throughout long workflows.

## 6. Modular pipette charging stand

An electronic charging stand that grows with your needs, accommodating up to four pipettes.



## 7. Pipette tracking

Service and calibration trackers remind you when the pipette needs to be recalibrated or sent for service.

## 8. Effortless ejection

Experience easy electronic tip ejection designed to minimize strain and maximize confidence at the bench. The intuitive interface automatically prevents accidental tip release whenever liquid remains inside the tips, helping safeguard your samples and workflow. The clear light guide indicators show you when it is safe to eject the tips. This built-in assistance helps users work confidently and consistently, reducing errors and supporting a smoother, more reproducible workflow.

## 9. Program storage

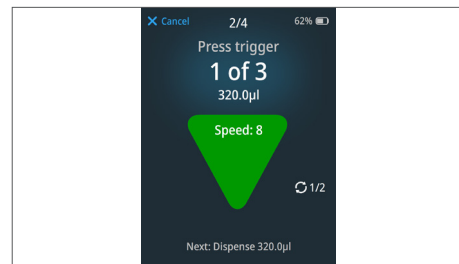
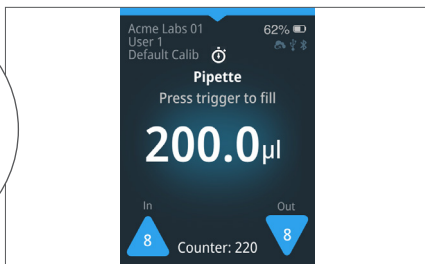
Store up to 30 protocols directly on your pipette for quick access at the bench, even when you are away from your computer. Keep additional protocols organized within the Thermo Fisher™ Connect Platform, where you can build, manage, and access an extended library of workflows anytime.

This flexible storage ecosystem not only streamlines your workflow but also supports a consistent, standardized approach across experiments, helping improve reproducibility and enabling every run to be performed with the same precision and confidence, regardless of who is at the bench.

## Customizable calibrations

Higher-quality results with customizable calibrations—improve accuracy by creating different calibrations for liquids with varying viscosity or when using special tips.

# Intuitive control and powerful functionality from day one

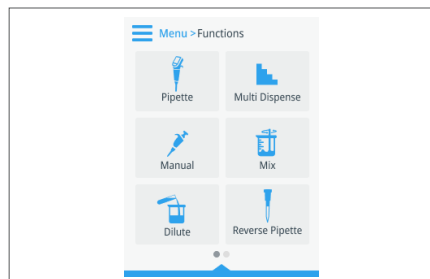


## A smarter way to pipette

The FluidEase ClipTip electronic pipette brings next-generation usability to the lab with a modern, icon-based touchscreen interface that feels natural from the very first use. Customize your home screen, create shortcuts to your favorite modes, and begin pipetting in seconds using ready-to-go preset programs. For complex, multi-step protocols, Step Builder gives you full control to design guided sequences that support higher reproducibility and reduce variability across users.

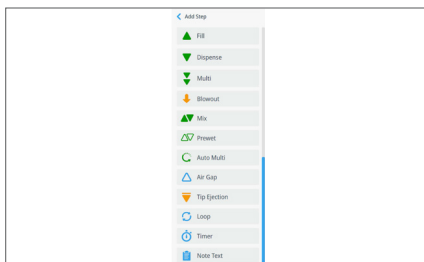
With Bluetooth connectivity and user profile storage, each person can maintain their own preferences while helping keep workflows consistent across the lab.

## Two powerful ways to program



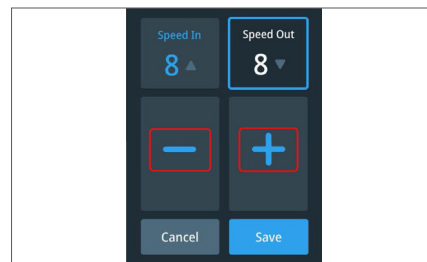
### Presets for everyday speed

Preset modes let you start work immediately using the functions you rely on most, such as forward pipetting, reverse pipetting, multi-dispensing, mixing, and dilution. Adjust volume and speed, press start, and you are ready to go. This streamlined experience makes routine pipetting fast, efficient, and intuitive.



### Step Builder for complex applications

When workflows require more control, Step Builder allows you to combine functional actions, such as fill, dispense, mix, blowout, pre-wet, and air gap, into a structured sequence tailored to your experiment. This guided approach supports consistent execution, reduces user-to-user variability, and enhances reproducibility across the lab.



### Designed to fit the way modern labs work: Adaptive performance for every workflow

With the widest speed selection available, FluidEase pipettes adapt naturally to diverse applications, ranging from gentle aspiration for sensitive samples to rapid dispensing for high-throughput workflows. Aspiration and dispense speeds can be adjusted instantly, giving you the flexibility to fine-tune performance for each experiment.

# Enjoy pipetting again with E1 Equalizer



## Adjustable tip spacing for maximum flexibility

The Thermo Scientific™ E1-ClipTip™ Equalizer Pipette is designed for applications that require custom, adjustable tip spacing across multiple labware formats. With continuous, user-defined spacing and secure attachment, this pipette delivers precise alignment and confidence for demanding multichannel workflows.

## Customizable adjustable tip spacing

The E1-ClipTip Equalizer Pipette provides continuous, manual adjustment of tip spacing, allowing users to match labware requirements without being restricted to preset configurations.

- User-defined spacing to improve alignment
- Easily transition between tubes, microplates, gels, and custom labware
- Ideal for applications, such as gel loading, where precise tip positioning is critical

This mechanical design offers greater flexibility and control than motorized adjustable-spacing systems that are limited to predefined spacing steps.

## Secure ClipTip technology

ClipTip technology helps ensure consistent, secure tip attachment across all channels.

- Audible and tactile feedback help confirm proper attachment
- Uniform sealing supports accurate aspiration and dispensing
- Helps prevent loose tips, leaks, and accidental sample loss

Once attached, tips stay attached—protecting samples and supporting reproducible results.

## Multichannel versatility

Available in 6-, 8-, and 12-channel configurations, this pipette supports efficient sample transfer across a wide range of formats.

- Easily move between labware types
- Reduced setup time and workflow interruptions
- Broad volume coverage for diverse applications

Once attached, tips stay attached—protecting samples and supporting reproducible results.

## Built for precision applications

This pipette is optimized for workflows where adjustable tip spacing, exact alignment, and secure tip attachment are essential, helping deliver flexibility and confidence in every transfer.

# Web-based My Pipette Creator pipetting app

Boost your productivity and efficiency and connect your FluidEase ClipTip pipette via Bluetooth or USB cable to the My Pipette Creator app on your PC or tablet. This app enables you to easily create programs and download pre-written protocols that can be shared with colleagues and multiple pipettes at once.



## Download protocols

Download pre-programmed protocols for your FluidEase pipettes and your favorite reagent kits from Thermo Fisher Scientific from the protocol library. Save time, enhance consistency, minimize programming errors, and help ensure optimal results.



## Program protocols

Reduce the strain on your eyes and thumbs by programming protocols on your PC. Minimize programming errors and enable consistent results by transferring protocols to multiple pipettes instead of programming each pipette individually.



## Share protocols

Seamlessly share protocols with colleagues across labs, locations, and even countries. With the My Pipette Creator app, your entire team can access a wide range of standardized and ready-to-use protocols with a single click, covering everything from DNA extraction to qPCR workflows and much more. This helps ensure consistent performance, minimizes variability, and elevates productivity across your entire lab network.



## Manage pipettes

Connect multiple FluidEase pipettes to the My Pipette Creator app for efficient, centralized programming that helps provide consistent results and improved collaboration.

Learn more at [thermofisher.com/mypipette](https://thermofisher.com/mypipette)

# Sample transfers have never been this simple

## Do sample transfers require several different pipette models and take up too much time?

Perform sample transfers between virtually any tube, rack, microplate, or horizontal gel box.

Perform sample transfers between a range of tubes, racks, microplates, or horizontal gel boxes. With adjustable tip spacing (equalizer) pipettes, you can streamline your workflow and help reduce unnecessary steps.

The unique equalizer window links the tip spacing scale to the particular application. This means fewer repetitions for multiple applications.





## Transfer multiple samples between different lab formats







\* Compared to a manual single-channel pipette filling a 96-well microplate from microcentrifuge tubes. See Thermo Fisher Scientific Smart Note: Is there an easier and more efficient way to transfer liquids between various labware formats than using traditional handheld pipettes? 2014.

# Speed up sample transfer time and reduce repetition

## 96-well E1-ClipTip Equalizer pipettes

Channels	Maximum spacing (mm)	Transfer to/from	↔	Transfer from/to	Minimum spacing (mm)
6-channel	19.8	<ul style="list-style-type: none"> <li>• Test tube racks</li> <li>• 24-well microplates</li> </ul> 	↔	<ul style="list-style-type: none"> <li>• 96-well microplates</li> <li>• Deep-well blocks</li> </ul> 	9.0
8-channel	14.2	<ul style="list-style-type: none"> <li>• Microcentrifuge tube racks</li> <li>• 48-well microplates</li> </ul> 	↔	<ul style="list-style-type: none"> <li>• 96-well microplates</li> <li>• Deep-well blocks</li> </ul> 	9.0

## 384-well E1-ClipTip Equalizer pipettes

Channels	Maximum spacing (mm)	Transfer to/from	↔	Transfer from/to	Minimum spacing (mm)
8-channel	14.2	<ul style="list-style-type: none"> <li>• 96-well microplates</li> <li>• 48-well microplates</li> <li>• Deep-well blocks</li> <li>• Microcentrifuge tube racks</li> </ul> 	↔	<ul style="list-style-type: none"> <li>• 384-well microplates</li> <li>• 384-well PCR plates</li> <li>• Agarose gels</li> </ul> 	4.5
12-channel	9.0	<ul style="list-style-type: none"> <li>• 96-well microplates</li> <li>• Deep-well blocks</li> </ul> 	↔	<ul style="list-style-type: none"> <li>• 384-well microplates</li> <li>• 384-well PCR plates</li> <li>• Agarose gels</li> </ul> 	4.5

 Equalizer models can be easily found on pages 13 through 16 with the letters "Eq" on the color key.

# Manual pipettes

## Maintain precise sample volumes on every channel

Whether you're using a single- or multichannel pipette, the Thermo Scientific™ F1-ClipTip™ pipetting system enables a complete seal on every channel for precise sample volumes, saving valuable time to accelerate your discoveries [1].

## Attach tips easily to help reduce strain injuries

You don't have to bang tips onto your pipette. With a light touch, each tip is "clipped" securely on the F1-ClipTip pipette and remains sealed until you decide to eject tips [2].

## A complete tip seal for confidence in your results

The F1-ClipTip system enables consistent and reproducible pipetting from user to user [1].

"We love these ClipTip pipettes. Hearing the click is an excellent indicator that I have secured the tips to the multichannel. Some of the other brands do not have anything close to that security—many times using the multichannel was impossible because I would have to push each tip on securely, removing any time savings the pipettor claimed to offer. It's so lightweight too. To date, our real-time results have been more consistent than with other multichannel pipettes and so reliably precise we use our set exclusively for real-time now."

—Grace W., Lead Research Specialist

1. Thermo Fisher Scientific application note: ClipTip technology part 2—secure seals for every channel. 2012.

2. Thermo Fisher Scientific application note: ClipTip technology part 3—reduce the risk of repetitive strain injury (RSI). 2013.

# Exceptional performance and comfort, redefined

## Adjustable comfort

The 120° adjustable finger rest offers both right- and left-handed operator comfort and allows your hand to relax during pipetting cycles.

## Industry-leading lifetime warranty\*

Enjoy a convenient online registration.

## ClipTip technology

A secure seal on every channel with low attachment and ejection forces for results you can count on again and again.

## Silent, easy volume adjustment

The new silent and light volume adjustment has over 50% lower forces than earlier models, and an improved grip on the volume adjustment knob offers easy and precise adjustment.

## Secure volume lock

Securely set and lock volumes to prevent undesirable volume drift during operation.













































\* F1-ClipTip pipettes are free from defects in material and workmanship for a product lifetime (up to 10 years). Validity of lifetime warranty varies by country. For more details, visit [thermofisher.com/pipettewarranty](https://thermofisher.com/pipettewarranty).

### Color legend



2 µL/10 µL/12.5 µL/20 µL		300 µL	
30 µL/50 µL		1,000 µL	
100 µL/125 µL/200 µL		1,250 µL	

### FluidEase ClipTip and E1-ClipTip Equalizer pipettes and tips

































Description	Color key	Volume range	Tip spacing range (mm)	Increment/package	Cat. No.
<b>10 µL pipettes</b>					
FluidEase Pro ClipTip, 1-ch, 0.5–10 µL		0.5–10 µL		0.01 µL	4674010
FluidEase Pro ClipTip, 8-ch, 0.5–10 µL		0.5–10 µL		0.01 µL	4676010
FluidEase Pro, 12-ch, 0.5–10 µL		0.5–10 µL		0.01 µL	4676020
<b>12.5 µL tips*</b>					
ClipTip 12.5		0.5–12.5 µL		Racked, 96 tips/rack, 10 racks/pack	94410040
ClipTip 12.5		0.5–12.5 µL		Racked, sterile, 96 tips/rack, 10 racks/pack	94410043
ClipTip 12.5		0.5–12.5 µL		Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420043
ClipTip 12.5 Ext		0.5–12.5 µL		Racked, 96 tips/rack, 10 racks/pack	94410060
ClipTip 12.5 Ext		0.5–12.5 µL		Racked, sterile, 96 tips/rack, 10 racks/pack	94410063
ClipTip 12.5 Ext		0.5–12.5 µL		Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420063
<b>384, 10 µL/12.5 µL pipettes*</b>					
FluidEase Pro ClipTip, 16-ch, 0.5–10 µL		0.5–10 µL		0.01 µL	4676110
E1-ClipTip Equalizer 384, 8-ch, 0.5–12.5 µL		0.5–12.5 µL	4.5–14.2	0.01 µL	4672010BT
E1-ClipTip Equalizer 384, 12-ch, 0.5–12.5 µL		0.5–12.5 µL	4.5–9.0	0.01 µL	4672020BT
<b>384, 12.5 µL tips*</b>					
ClipTip 384, 12.5		0.5–12.5 µL		Racked, 384 tips/rack, 10 racks/pack	94410050
ClipTip 384, 12.5		0.5–12.5 µL		Racked, sterile, 384 tips/rack, 10 racks/pack	94410053
ClipTip 384, 12.5		0.5–12.5 µL		Racked, filtered, sterile, 384 tips/rack, 10 racks/pack	94420053
ClipTip 384, 12.5 Ext		0.5–12.5 µL		Racked, 384 tips/rack, 10 racks/pack	94410070
ClipTip 384, 12.5 Ext		0.5–12.5 µL		Racked, sterile, 384 tips/rack, 10 racks/pack	94410073
ClipTip 384, 12.5 Ext		0.5–12.5 µL		Racked, filtered, sterile, 384 tips/rack, 10 racks/pack	94420073
<b>384, 1–30 µL pipettes*</b>					
FluidEase Pro, 16-ch, 1–30 µL		1–30 µL		0.01 µL	4676120
E1-ClipTip Equalizer 384, 8-ch, 1–30 µL		1–30 µL	4.5–14.2	0.01 µL	4672030BT
E1-ClipTip Equalizer 384, 12-ch, 1–30 µL		1–30 µL	4.5–9.0	0.01 µL	4672040BT
<b>384, 30 µL tips*</b>					
ClipTip 384, 30		1–30 µL		Racked, 384 tips/rack, 10 racks/pack	94410100
ClipTip 384, 30		1–30 µL		Racked, sterile, 384 tips/rack, 10 racks/pack	94410103
ClipTip 384, 30		1–30 µL		Racked, filtered, sterile, 384 tips/rack, 10 racks/pack	94420103
<b>100 µL/125 µL/200 µL pipettes</b>					
FluidEase Pro ClipTip, 1-ch, 2.5–100 µL		2.5–100 µL		0.1 µL	4674020
FluidEase Pro ClipTip, 8-ch, 2.5–100 µL		2.5–100 µL		0.1 µL	4676030
FluidEase Pro ClipTip, 12-ch, 2.5–100 µL		2.5–100 µL		0.1 µL	4676040
FluidEase Pro ClipTip, 1-ch, 5–200 µL		5–200 µL		0.1 µL	4674030
FluidEase Pro ClipTip, 8-ch, 5–200 µL		5–200 µL		0.1 µL	4676050
FluidEase Pro ClipTip, 12-ch, 5–200 µL		5–200 µL		0.1 µL	4676060
E1-ClipTip Equalizer, 8-ch, 2–125 µL		2–125 µL	9.0–14.2	0.1 µL	4672050BT
<b>2–200 µL tips</b>					
ClipTip 200		2–200 µL		Racked, 96 tips/rack, 10 racks/pack	94410310
ClipTip 200		2–200 µL		Racked, sterile, 96 tips/rack, 10 racks/pack	94410313
ClipTip 200		2–200 µL		Reload tower, 96 tips/insert, 10 inserts/pack	94410317
ClipTip 200		2–200 µL		Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410318
ClipTip 200		2–200 µL		Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420313
ClipTip 200		2–200 µL		Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420318
<b>384, 125 µL pipettes*</b>					
FluidEase Pro ClipTip, 16-ch, 3–125 µL		3–125 µL		0.1 µL	4676130
E1-ClipTip Equalizer 384, 8-ch, 2–125 µL		2–125 µL	4.5–14.2	0.1 µL	4672060BT
E1-ClipTip Equalizer 384, 12-ch, 2–125 µL		2–125 µL	4.5–9.0	0.1 µL	4672070BT
<b>384, 125 µL tips*</b>					
ClipTip 384, 125		2–125 µL		Racked, 384 tips/rack, 10 racks/pack	94410150
ClipTip 384, 125		2–125 µL		Racked, sterile, 384 tips/rack, 10 racks/pack	94410153
ClipTip 384, 125		2–125 µL		Racked, filtered, sterile, 384 tips/rack, 10 racks/pack	94420153

\* ClipTip 384 and ClipTip 12.5 tips and compatible with E1-ClipTip models and FluidEase ClipTip pipettes do not have interlock technology. All ClipTip pipette tips are low retention with the exception of 384 and 12.5 models.







### Color legend

2 µL/10 µL/12.5 µL/20 µL		300 µL	
30 µL/50 µL		1,000 µL	
100 µL/125 µL/200 µL		1,250 µL	

### ClipTip electronic pipettes and ClipTip pipette tips

Description	Color key	Volume range	Tip spacing range (mm)	Increment/package	Cat. No.
<b>300 µL pipettes</b>					
FluidEase Pro ClipTip, 1-ch, 10–300 µL		10–300 µL		0.1 µL	4674040
FluidEase Pro ClipTip, 8-ch, 10–300 µL		10–300 µL		0.1 µL	4676070
FluidEase Pro ClipTip, 12-ch, 10–300 µL		10–300 µL		0.1 µL	4676080
E1-ClipTip Equalizer, 8-ch, 10–300 µL		10–300 µL	9.0–14.2	0.1 µL	4672080BT
<b>300 µL tips</b>					
ClipTip 300		30–300 µL		Racked, 96 tips/rack, 10 racks/pack	94410510
ClipTip 300		30–300 µL		Racked, sterile, 96 tips/rack, 10 racks/pack	94410513
ClipTip 300		30–300 µL		Reload tower, 96 tips/insert, 10 inserts/pack	94410517
ClipTip 300		30–300 µL		Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410518
ClipTip 300		30–300 µL		Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420513
ClipTip 300		30–300 µL		Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420518
ClipTip 300 Ext		30–300 µL		Racked, 96 tips/rack, 8 racks/pack	94410610
ClipTip 300 Ext		30–300 µL		Racked, sterile, 96 tips/rack, 8 racks/pack	94410613
ClipTip 300 Ext		30–300 µL		Reload tower, 96 tips/insert, 10 inserts/pack	94410617
ClipTip 300 Ext		30–300 µL		Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410618
ClipTip 300 Ext		30–300 µL		Racked, filtered, sterile, 96 tips/rack, 8 racks/pack	94420613
<b>1,000 µL pipettes</b>					
FluidEase Pro ClipTip, 1-ch, 20–1,000 µL		20–1,000 µL		1.0 µL	4674050
<b>1,000 µL tips</b>					
ClipTip 1,000		20–1,000 µL		Racked, 96 tips/rack, 8 racks/pack	94410710
ClipTip 1,000		20–1,000 µL		Racked, sterile, 96 tips/rack, 8 racks/pack	94410713
ClipTip 1,000		20–1,000 µL		Reload tower, 96 tips/insert, 8 inserts/pack	94410717
ClipTip 1,000		20–1,000 µL		Reload tower, sterile, 96 tips/insert, 8 inserts/pack	94410718
ClipTip 1,000		20–1,000 µL		Racked, filtered, sterile, 96 tips/rack, 8 racks/pack	94420713
ClipTip 1,000		20–1,000 µL		Reload insert, filtered, sterile, 96 tips/insert, 8 inserts/pack	94420718
<b>1,250 µL pipettes</b>					
FluidEase Pro ClipTip, 8-ch, 25–1,250 µL		25–1,250 µL		1.0 µL	4676090
FluidEase Pro ClipTip, 12-ch, 25–1,250 µL		25–1,250 µL		1.0 µL	4676100
E1-ClipTip Equalizer, 6-ch, 15–1,250 µL		15–1,250 µL	9.0–19.8	1.0 µL	4672090BT
E1-ClipTip Equalizer, 8-ch, 15–1,250 µL		15–1,250 µL	9.0–14.2	1.0 µL	4672100BT
<b>1,250 µL tips</b>					
ClipTip 1,250		15–1,250 µL		Racked, 96 tips/rack, 8 racks/pack	94410810
ClipTip 1,250		15–1,250 µL		Racked, sterile, 96 tips/rack, 8 racks/pack	94410813
ClipTip 1,250		15–1,250 µL		Reload insert, 96 tips/insert, 8 inserts/pack	94410817
ClipTip 1,250		15–1,250 µL		Reload insert, sterile, 96 tips/insert, 8 inserts/pack	94410818
ClipTip 1,250		15–1,250 µL		Racked, filtered, sterile, 96 tips/rack, 8 racks/pack	94420813
ClipTip 1,250		15–1,250 µL		Reload insert, filtered, sterile, 96 tips/insert, 8 inserts/pack	94420818







### Accessories

Description	Color key	Compatibility		Cat. No.
FluidEase Charging Stand Base, 1-pos				9420520
FluidEase Charging Stand Extension, 1-pos		Compatible with FluidEase ClipTip pipettes		9420530
Empty Rack, small		10 racks, no tips/inserts		94410219
Empty Rack, medium		10 racks, no tips/inserts		94410519
300 Ext Empty rack		8 racks, no tips/inserts		94410619
Empty Rack, large		8 racks, no tips/inserts		94410819

**Color legend**

2 µL/10 µL/12.5 µL/20 µL		300 µL	
30 µL/50 µL		1,000 µL	
100 µL/125 µL/200 µL		1,250 µL	

**F1-ClipTip manual pipettes and ClipTip pipette tips**

Description	Color key	Volume range	Increment/packageging	Cat. No.
<b>2–10 µL pipettes</b>				
F1-ClipTip, 0.1–2 µL		0.1–2 µL	0.002 µL	4641310N
F1-ClipTip, 1–10 µL		1–10 µL	0.02 µL	4641320N
F1-ClipTip, 8-ch, 1–10 µL		1–10 µL	0.02 µL	4661210N
F1-ClipTip, 12-ch, 1–10 µL		1–10 µL	0.02 µL	4661220N
<b>12.5 Ext µL tips*</b>				
ClipTip 12.5 Ext		0.1–12.5 µL	Racked, 96 tips/rack, 10 racks/pack	94410060
ClipTip 12.5 Ext		0.1–12.5 µL	Racked, sterile, 96 tips/rack, 10 racks/pack	94410063
ClipTip 12.5 Ext		0.1–12.5 µL	Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420063
<b>20 µL pipettes</b>				
F1-ClipTip, 2–20 µL		2–20 µL	0.02 µL	4641180N
<b>20 µL tips**</b>				
ClipTip 20		1–20 µL	Racked, 96 tips/rack, 10 racks/pack	94410210
ClipTip 20		1–20 µL	Racked, sterile, 96 tips/rack, 10 racks/pack	94410213
ClipTip 20		1–20 µL	Reload tower, 96 tips/insert, 10 inserts/pack	94410217
ClipTip 20		1–20 µL	Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410218
ClipTip 20		1–20 µL	Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420213
ClipTip 20		1–20 µL	Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420218
<b>50 µL pipettes</b>				
F1-ClipTip, 5–50 µL		5–50 µL	0.1 µL	4641190N
F1-ClipTip, 8-ch, 5–50 µL		5–50 µL	0.1 µL	4661120N
F1-ClipTip, 12-ch, 5–50 µL		5–50 µL	0.1 µL	4661160N
<b>50 µL tips</b>				
ClipTip 50		5–50 µL	Racked, 96 tips/rack, 10 racks/pack	94410250
ClipTip 50		5–50 µL	Racked, sterile, 96 tips/rack, 10 racks/pack	94410253
ClipTip 50		5–50 µL	Reload tower, 96 tips/insert, 10 inserts/pack	94410257
ClipTip 50		5–50 µL	Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410258
ClipTip 50		5–50 µL	Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420253
ClipTip 50		5–50 µL	Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420258
<b>100–200 µL pipettes</b>				
F1-ClipTip, 10–100 µL		10–100 µL	0.2 µL	4641200N
F1-ClipTip, 20–200 µL		20–200 µL	0.2 µL	4641210N
F1-ClipTip, 8-ch, 10–100 µL		10–100 µL	0.2 µL	4661130N
F1-ClipTip, 12-ch, 10–100 µL		10–100 µL	0.2 µL	4661170N
<b>10–200 µL tips</b>				
ClipTip 200		10–200 µL	Racked, 96 tips/rack, 10 racks/pack	94410310
ClipTip 200		10–200 µL	Racked, sterile, 96 tips/rack, 10 racks/pack	94410313
ClipTip 200		10–200 µL	Reload tower, 96 tips/insert, 10 inserts/pack	94410317
ClipTip 200		10–200 µL	Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410318
ClipTip 200		10–200 µL	Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420313
ClipTip 200		10–200 µL	Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420318
<b>300 µL pipettes</b>				
F1-ClipTip, 30–300 µL		30–300 µL	1 µL	4641220N
F1-ClipTip, 8-ch, 30–300 µL		30–300 µL	1 µL	4661140N
F1-ClipTip, 12-ch, 30–300 µL		30–300 µL	1 µL	4661180N
<b>300 µL tips</b>				
ClipTip 300		30–300 µL	Racked, 96 tips/rack, 10 racks/pack	94410510
ClipTip 300		30–300 µL	Racked, sterile, 96 tips/rack, 10 racks/pack	94410513
ClipTip 300		30–300 µL	Reload tower, 96 tips/insert, 10 inserts/pack	94410517
ClipTip 300		30–300 µL	Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410518















\* ClipTip 12.5 Ext tips and compatible F1-ClipTip pipettes utilize “snap and seal” technology. All ClipTip pipette tips are low retention except for the ClipTip 12.5, 12.5 Ext, and 384-format tips.

\*\* ClipTip 20 tips are also used with old F1-ClipTip 1–10 µL pipette models with Cat. No. 4641170N, 4661110N, 4661150N, and 4651190N.

### Color legend

2 µL/10 µL /12.5 µL /20 µL		300 µL	
30 µL/50 µL		1,000 µL	
100 µL/125 µL/200 µL		1,250 µL	

### F1-ClipTip manual pipettes and ClipTip pipette tips

Description	Color key	Volume range	Increment/packaging	Cat. No.
ClipTip 300		30–300 µL	Racked, filtered, sterile, 96 tips/rack, 10 racks/pack	94420513
ClipTip 300		30–300 µL	Reload insert, filtered, sterile, 96 tips/insert, 10 inserts/pack	94420518
ClipTip 300 Ext		30–300 µL	Racked, 96 tips/rack, 8 racks/pack	94410610
ClipTip 300 Ext		30–300 µL	Racked, sterile, 96 tips/rack, 8 racks/pack	94410613
ClipTip 300 Ext		30–300 µL	Reload tower, 96 tips/insert, 10 inserts/pack	94410617
ClipTip 300 Ext		30–300 µL	Reload tower, sterile, 96 tips/insert, 10 inserts/pack	94410618
ClipTip 300 Ext		30–300 µL	Racked, filtered, sterile, 96 tips/rack, 8 racks/pack	94420613
<b>1,000 µL pipettes</b>				
F1-ClipTip 100–1,000 µL*		100–1,000 µL	1 µL	4641230N
<b>1,000 µL tips</b>				
ClipTip 1,000		100–1,000 µL	Racked, 96 tips/rack, 8 racks/pack	94410710
ClipTip 1,000		100–1,000 µL	Racked, sterile, 96 tips/rack, 8 racks/pack	94410713
ClipTip 1,000		100–1,000 µL	Reload tower, 96 tips/insert, 8 inserts/pack	94410717
ClipTip 1,000		100–1,000 µL	Reload tower, sterile, 96 tips/insert, 8 inserts/pack	94410718
ClipTip 1,000		100–1,000 µL	Racked, filtered, sterile, 96 tips/rack, 8 racks/pack	94420713
ClipTip 1,000		100–1,000 µL	Reload insert, filtered, sterile, 96 tips/insert, 8 inserts/pack	94420718

### F1-ClipTip manual fixed-volume pipettes

Description	Volume range	Cat. No.
F1-ClipTip 10 µL	10 µL	4651280N
F1-ClipTip 20 µL	20 µL	4651200N
F1-ClipTip 25 µL	25 µL	4651210N
F1-ClipTip 50 µL	50 µL	4651220N
F1-ClipTip 100 µL	100 µL	4651230N
F1-ClipTip 200 µL	200 µL	4651240N
F1-ClipTip 250 µL	250 µL	4651250N
F1-ClipTip 500 µL*	500 µL	4651260N
F1-ClipTip 1,000 µL*	1,000 µL	4651270N





\* Short shaft.

### F1-ClipTip Good Laboratory Pipetting (GLP) kits

Description	Contents of kit	Cat. No.	
F1-ClipTip GLP Kit 1	<ul style="list-style-type: none"> <li>F1-ClipTip 1–10 µL single channel</li> <li>F1-ClipTip 10–100 µL single channel</li> <li>F1-ClipTip 100–1,000 µL single channel</li> <li>F-Series Stand</li> <li>ClipTip 12.5 Ext</li> </ul>	<ul style="list-style-type: none"> <li>ClipTip 200 rack</li> <li>ClipTip 1,000 rack</li> <li>25 mL reservoir</li> <li>25 mL divided reservoir</li> <li>100 mL divided reservoir</li> </ul>	4701140N
F1-ClipTip GLP Kit 2	<ul style="list-style-type: none"> <li>F1-ClipTip 2–20 µL single channel</li> <li>F1-ClipTip 20–200 µL single channel</li> <li>F1-ClipTip 100–1,000 µL single channel</li> <li>F1-ClipTip 30–300 µL 8-channel</li> <li>F-Series Stand</li> <li>ClipTip 20 rack</li> </ul>	<ul style="list-style-type: none"> <li>ClipTip 200 rack</li> <li>ClipTip 300 rack</li> <li>ClipTip 1,000 rack</li> <li>25 mL reservoir</li> <li>25 mL divided reservoir</li> <li>100 mL divided reservoir</li> </ul>	4701150N



### Accessories

Description	Color key	Packaging	Cat. No.
F-Series Stand, white, 6 positions			9420400
Empty Rack, small		10 racks, no tips/inserts	94410219
Empty Rack, medium		10 racks, no tips/inserts	94410519
300 Ext Empty rack		8 racks, no tips/inserts	94410619
Empty Rack, large		8 racks, no tips/inserts	94410819

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