

thermo scientific



Thermo Scientific ClipTip Pipetting Systems

Sealed in security | Feel the difference

ThermoFisher
SCIENTIFIC

Breakthrough **ClipTip** technology

Achieve newfound confidence with the **Thermo Scientific™ ClipTip™ pipetting system** that locks tips firmly in place so they will not loosen or fall off, regardless of application pressure. You can actually feel the tips lock firmly in place with a light touch. This makes daily pipetting a totally new experience. No more banging tips on your pipette to ensure that the tips are properly attached and sealed.

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

Eliminate the frustration of banging tips on your pipette

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

Reduce the risk of loose or leaking tips

When 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

Higher-quality results and more efficient research.



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12 | F1-ClipTip System Order Information

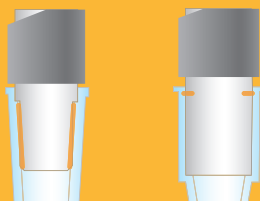
14 | E1-ClipTip System Order Information



You'll feel the difference the first time you use the Thermo Scientific ClipTip pipetting system.

It is a challenge to ensure a quality seal in daily pipetting.

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

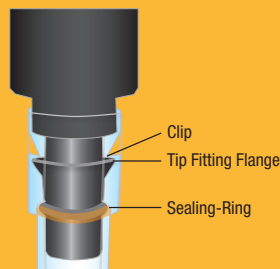
Pipettes with a friction-seal system rely on a user's force to attach tips to the pipette, which varies from user to user.

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

► CLIPTIP SYSTEM

ClipTip technology locks tips firmly in place with a light touch, and forms a seal on every channel.

- Extremely low tip attachment and ejection forces
- Complete seal on every channel
- No loose tips
- Reproducibility you can count on



Manual pipettes

Feel the difference with F1-ClipTip Pipettes

Maintain precise sample volumes on every channel¹

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

Attach tips easily to help reduce strain injuries²

No longer 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.

A complete tip seal for confidence in your results¹

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

"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 light weight 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



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

¹ 1 Thermo Scientific Application Note: ClipTip Technology Part 2 - Secure Seals for Every Channel, 2012

² Thermo Scientific Application Note: ClipTip Technology Part 3 - Reduce the Risk of Repetitive Strain Injury (RSI), 2013

Exceptional **performance and comfort**, redefined



Lightweight handle design combined with low plunger, tip attachment and ejection forces help reduce the risk of RSI

Adjustable comfort

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

Industry-leading lifetime warranty*

With 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.

Super blow-out

150% increase in air boost ensures efficient delivery of micro-volumes and prevents capillary action in 50 µl models and below.

NEW silent, effortless volume adjustment

Enjoy the new silent and light volume adjustment with over 50% lower forces compared to earlier models. Improved grip on the volume adjustment knob ensures effortless and precise adjustment.



Secure volume lock

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

CE-marked: the F1-ClipTip Pipetting system is CE-marked in accordance with IVD Directive in Europe excluding the ClipTip Tip Reload Insert Packages.

*Thermo Scientific 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 www.thermoscientific.com/pipettewarranty



Learn how the right combination of



TECHNIQUES



TOOLS



ERGONOMICS



SERVICE

support Good Laboratory Pipetting (GLP)

Visit thermofisher.com/pipette

“They are user-friendly, accurate

and the ‘ClipTip’ technology makes it easy to change tips in the middle of an assay without any difficulties. When using a multichannel its 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 E1 pipettes in our lab and plan to continue using because of its superior quality!”

– Lab Manager, US



See it in action at:
thermofisher.com/cliptip

Electronic pipettes

Feel the difference with E1-ClipTip Pipettes

An optimal solution for complex protocols

When combined with interlocking ClipTip technology, the electronic pipetting action and flexible user interface of the E1-ClipTip System 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.

Ideal operation for multiple users and environments

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

E1-ClipTip Equalizer – a perfect choice for sample transfers between various labware formats

E1-ClipTip Equalizer pipette with adjustable tip spacing allows you to set the distance between tips simply by sliding the scale to expand and contract to your desired setting. This means fewer repetitions for multiple applications.

NEW Connected Pipetting via Bluetooth or USB cable

Connect your E1-ClipTip pipette to the NEW My Pipette Creator app on your PC to easily create programs, to download pre-written protocols, and to share protocols between pipettes and colleagues.

Enjoy pipetting again

STORE UP TO 30 PROGRAMS

You can store 30 of your most common protocols in your pipette – and all the rest in Thermo Fisher Cloud

A PIPETTE FOR MULTIPLE APPLICATIONS

Choose from single channels, 8–16 channel multichannels, or 6–12 channel adjustable tip spacing multichannel pipettes within the volume range of 0.5–1250 μL

TRACK YOUR PIPETTE

Service and calibration trackers remind you when the pipette needs to be re-calibrated or sent for service

CUSTOMIZABLE CALIBRATIONS

Higher quality results (e.g., liquid-specific calibrations)

CONVENIENT LI-ION BATTERY

Quickly recharge for long-lasting performance

TWO-YEAR EXTENDED WARRANTY¹

With online registration



When all the ergonomic elements below are combined, **pipetting is a comfortable, safe and enjoyable experience.**

- Electronic index finger pipetting action minimizes thumb strain
- Adjustable finger rest allows optimal pipetting position for both left and right-handed users
- Electronic tip ejection makes tip ejection effortless, and intuitive user interface prevents any accidental tip ejection whenever there is liquid inside the tips
- Rotating display, unique multichannel ski boot design, and short single-channel barrel maximize comfort by offering visibility and a neutral pipetting position in any working environment
- Programming protocols on your PC with My Pipette Creator application reduces the strain on your eyes and thumbs, also allowing you to transfer protocols to multiple pipettes, instead of programming each pipette individually.

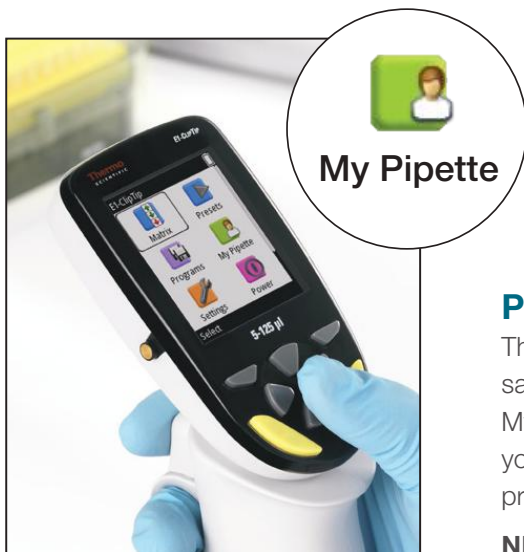
The E1-ClipTip Equalizer Pipette requires 87% lower tip attachment forces and up to 93% lower tip ejection forces compared to other adjustable tip spacing pipettes²



¹ E1-ClipTip electronic pipettes are warranted to be free from defects in material and workmanship for a period of two years from date of purchase. Two-year warranty applies to pipettes that have been registered, one-year warranty to non-registered. To register the pipette and for more information, visit www.thermoscientific.com/pipettewarranty

² Thermo Scientific Smart Note. Tip attachment and ejection force vary significantly among different adjustable tip spacing pipette brands. 2016.

Intuitive operation & optimal functions to feel comfortable from day one

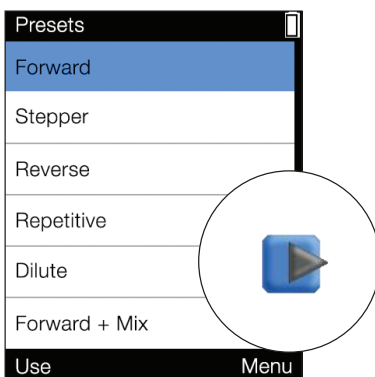


Pipettes that work the way you do

The icon-based user interface offers clear, fast and easy operation with the same basic functions that you are familiar with on your current pipette. My Pipette Function allows you to customize your main menu view to include your most-used functions. You can also create shortcuts for your preferred programs and pipetting functions.

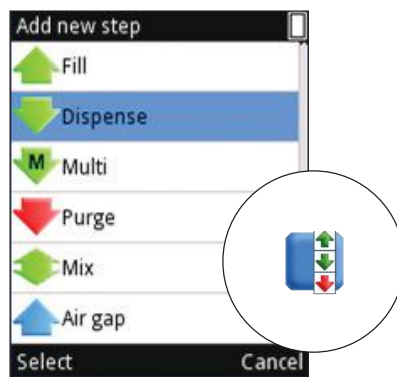
NEW! Now with BLUETOOTH connectivity and 5 user profiles

Two programming options:



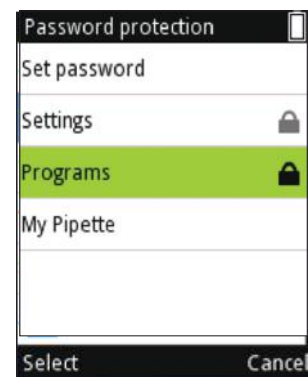
Presets for everyday ready-to-go mode

Simple and quick pipette settings for your most common applications, such as forward and reverse pipetting and multidispensing. Adjust the volume and speed, and you're ready to go.



Matrix for complex applications

The step-based programming is an excellent option when a variety of pipetting functions is required in a unique order. Rather than trying to make a pre-set function work, you can select any of the functional steps — such as Fill, Dispense, Mix, Multi, or Purge — together while setting specific volumes and speeds for each.



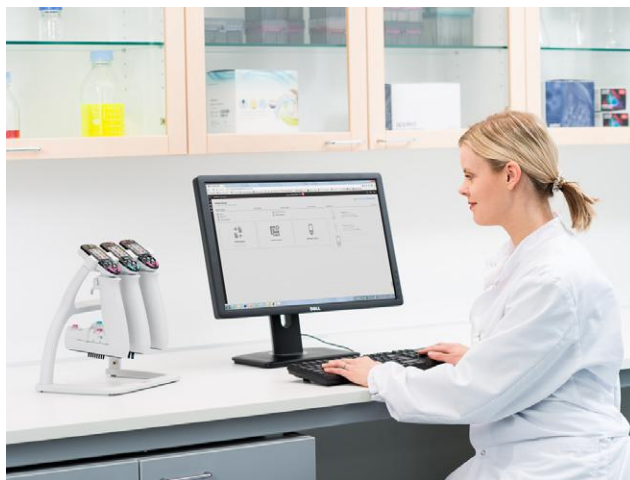
Choose to lock important protocol settings

Safeguard the integrity of your assays by utilizing password protection for saved settings such as calibration and stored programs, as well as a customized main menu view to deliver consistent, efficient operation regardless of the user.

NEW Connected Pipetting via Bluetooth®

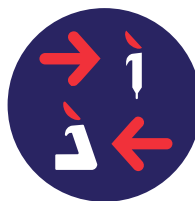
Introducing web-based My Pipette™ Creator Pipetting App

Boost your productivity and efficiency and connect your E1-ClipTip pipette via Bluetooth® or USB cable to the My Pipette Creator app on your PC. My Pipette Creator 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 E1-ClipTip pipettes and favorite Thermo Fisher Scientific reagent kits 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. Help minimize programming errors and ensure consistent results by transferring protocols to multiple pipettes, instead of programming each pipette individually.



Share protocols

Share protocols with your colleagues in another lab, location or country.



Manage pipettes

Connect multiple E1-ClipTip pipettes to the My Pipette Creator application for efficient, centralized programming that provides consistent results and improved collaboration.

Learn more at 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. Adjustable tip spacing allows you to set the distance between tips simply by sliding the scale to expand and contract to your desired setting. The unique equalizer window links the tip spacing scale to the particular application. This means fewer repetitions for multiple applications.



Increased research efficiency and quality

Over **80%** time savings and fewer repetitions compared to single channel pipettes*

Transfer multiple samples between different lab formats *at once*

one pipette ➤ one movement ➤ one press of the trigger



Equalizer window set to '384' to pipette onto 384-microplate



Equalizer window set to '48 MCT' to pipette on microcentrifuge tubes or 48-well microplates

*Compared to a manual single channel pipette filling a 96-well microplate from microcentrifuge tubes. See Thermo 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-Format E1-ClipTip Equalizer Pipettes

Channels	Maximum spacing (mm)	Transfer to/from	↔	Transfer from/to	Minimum spacing (mm)
6-channel	19.8	• Test tube racks • 24-well microplates 	↔	• 96-well microplates • Deepwell blocks 	9.0
8-channel	14.2	• Microcentrifuge tube racks • 48-well microplates 	↔	• 96-well microplates • Deepwell blocks 	9.0

384-Format Equalizer Pipettes

Channels	Maximum spacing (mm)	Transfer to/from	↔	Transfer from/to	Minimum spacing (mm)
8-channel	14.2	• 96-well microplates • 48-well microplates • Deepwell blocks • Microcentrifuge tube racks 	↔	• 384-well microplates • 384 PCR plates • Agarose Gels 	4.5
12-channel	9.0	• 96-well microplates • Deepwell blocks 	↔	• 384-well microplates • 384 PCR plates • Agarose Gels 	4.5

Eq

Equalizer models can be easily found on pages 14 and 15 with the letters "Eq" on the color key.

F1-ClipTip Manual Pipettes and ClipTip Pipette Tips

Item No.	Description	Color Key	Volume Range	Increment/Packaging
10/20 µL PIPETTES				Increment
4641170N	F1-ClipTip 1-10 µL	●	1-10 µL	0.02 µL
4641180N	F1-ClipTip 2-20 µL	●	2-20 µL	0.02 µL
4661110N	F1-ClipTip 8-ch 1-10 µL	●	1-10 µL	0.02 µL
4661150N	F1-ClipTip 12-ch 1-10 µL	●	1-10 µL	0.02 µL
20 µL TIPS				Packaging
94410210	ClipTip 20	●	1-20 µL	Racked, 96 tips/rack, 10 racks/pack
94410213	ClipTip 20	●	1-20 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410217	ClipTip 20	●	1-20 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410218	ClipTip 20	●	1-20 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420213	ClipTip 20	●	1-20 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420218	ClipTip 20	●	1-20 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
50 µL PIPETTES				Increment
4641190N	F1-ClipTip 5-50 µL	●	5-50 µL	0.1 µL
4661120N	F1-ClipTip 8-ch 5-50 µL	●	5-50 µL	0.1 µL
4661160N	F1-ClipTip 12-ch 5-50 µL	●	5-50 µL	0.1 µL
50 µL TIPS				Packaging
94410250	ClipTip 50	●	5-50 µL	Racked, 96 tips/rack, 10 racks/pack
94410253	ClipTip 50	●	5-50 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410257	ClipTip 50	●	5-50 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410258	ClipTip 50	●	5-50 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420253	ClipTip 50	●	5-50 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420258	ClipTip 50	●	5-50 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
100 µL / 200 µL PIPETTES				Increment
4641200N	F1-ClipTip 10-100 µL	●	10-100 µL	0.2 µL
4641210N	F1-ClipTip 20-200 µL	●	20-200 µL	0.2 µL
4661130N	F1-ClipTip 8-ch 10-100 µL	●	10-100 µL	0.2 µL
4661170N	F1-ClipTip 12-ch 10-100 µL	●	10-100 µL	0.2 µL
200 µL TIPS				Packaging
94410310	ClipTip 200	●	10-200 µL	Racked, 96 tips/rack, 10 racks/pack
94410313	ClipTip 200	●	10-200 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410317	ClipTip 200	●	10-200 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410318	ClipTip 200	●	10-200 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420313	ClipTip 200	●	10-200 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420318	ClipTip 200	●	10-200 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
300 µL PIPETTES				Increment
4641220N	F1-ClipTip 30-300 µL	●	30-300 µL	1 µL
4661140N	F1-ClipTip 8-ch 30-300 µL	●	30-300 µL	1 µL
4661180N	F1-ClipTip 12-ch 30-300 µL	●	30-300 µL	1 µL
300 µL TIPS				Packaging
94410510	ClipTip 300	●	30-300 µL	Racked, 96 tips/rack, 10 racks/pack
94410513	ClipTip 300	●	30-300 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410517	ClipTip 300	●	30-300 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410518	ClipTip 300	●	30-300 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420513	ClipTip 300	●	30-300 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420518	ClipTip 300	●	30-300 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack

- 10 µL / 20 µL
- 50 µL
- 100 µL / 200 µL
- 300 µL
- 850 µL / 1000 µL
- 1250 µL

F1-ClipTip Manual Pipettes and ClipTip Pipette Tips

Item No.	Description	Color Key	Volume Range	Increment/Packaging
1000 µL PIPETTES				Increment
4641230N	F1-ClipTip 100-1000 µl*	●	100-1000 µL	1 µL
1000 µL TIPS				Packaging
94410710	ClipTip 1000	●	100-1000 µL	Racked, 96 tips/rack, 8 racks/pack
94410713	ClipTip 1000	●	100-1000 µL	Racked, Sterile, 96 tips/rack, 8 racks/pack
94410717	ClipTip 1000	●	100-1000 µL	Reload Tower, 96 tips/insert, 8 inserts/pack
94410718	ClipTip 1000	●	100-1000 µL	Reload Tower, Sterile, 96 tips/insert, 8 inserts/pack
94420713	ClipTip 1000	●	100-1000 µL	Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420718	ClipTip 1000	●	100-1000 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack

- 10 µL/ 20 µL
- 50 µL
- 100 µL/ 200 µL
- 300 µL
- 1000 µL
- 1250 µL

F1-ClipTip Manual Fixed Volume Pipettes

Item No.	Description	Volume Range
4651190N	F1-ClipTip 10 µL	10 µL
4651200N	F1-ClipTip 20 µL	20 µL
4651210N	F1-ClipTip 25 µL	25 µL
4651220N	F1-ClipTip 50 µL	50 µL
4651230N	F1-ClipTip 100 µL	100 µL
4651240N	F1-ClipTip 200 µL	200 µL
4651250N	F1-ClipTip 250 µL	250 µL
4651260N	F1-ClipTip 500 µl*	500 µL
4651270N	F1-ClipTip 1000 µl*	1000 µL

* Short Shaft

Order online and find additional specifications
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F1-ClipTip Good Laboratory Pipetting Kits

Item No.	Description	Contents of Kit
4701140N	F1-ClipTip GLP Kit 1	• F1-ClipTip 1-10 µL single channel • F1-ClipTip 10-100 µL single channel • F1-ClipTip 100-1000 µL single channel • F-Series Stand • ClipTip 20 rack • ClipTip 200 rack • ClipTip 1000 rack • 25 mL reservoir • 25 mL divided reservoir • 100 mL divided reservoir
4701150N	F1-ClipTip GLP Kit 2	• F1-ClipTip 2-20 µL single channel • F1-ClipTip 20-200 µL single channel • F1-ClipTip 100-1000 µL single channel • F1-ClipTip 30-300 µL 8-channel • F-Series Stand • ClipTip 20 rack • ClipTip 200 rack • ClipTip 300 rack • ClipTip 1000 rack • 25 mL reservoir • 25 mL divided reservoir • 100 mL divided reservoir



Accessories

Item No.	Description	Color Key	Increment/Packaging
9420400	F-Series Stand, white, 6 positions		
94410219	Empty Rack, Small	● ●	10 racks, no tips/inserts
94410519	Empty Rack, Medium	● ●	10 racks, no tips/inserts
94410819	Empty Rack, Large	● ●	8 racks, no tips/inserts

E1-ClipTip Electronic Pipettes and ClipTip Pipette Tips

Item No.	Description	Color Key	Volume Range	Tip Spacing Range (mm)	Increment/Packaging
0.5-12.5 µL PIPETTES*					Increment
467000BT	E1-ClipTip, 0.5-12.5 µL	●	0.5-12.5 µL		0.01 µL
467100BT	E1-ClipTip, 8-ch 0.5-12.5 µL	●	0.5-12.5 µL		0.01 µL
467101BT	E1-ClipTip, 12-ch 0.5-12.5 µL	●	0.5-12.5 µL		0.01 µL
12.5 µL TIPS*					Packaging
94410040	ClipTip 12.5	●	0.5-12.5 µL		Racked, 96 tips/rack, 10 racks/pack
94410043	ClipTip 12.5	●	0.5-12.5 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94420043	ClipTip 12.5	●	0.5-12.5 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
384, 12.5 µL PIPETTES*					Increment
467102BT	E1-ClipTip, 16-ch 0.5-12.5 µL	●	0.5-12.5 µL		0.01 µL
467201BT	E1-ClipTip Equalizer 384, 8-ch 0.5-12.5 µL	Eq	0.5-12.5 µL	4.5-14.2	0.01 µL
467202BT	E1-ClipTip Equalizer 384, 12-ch 0.5-12.5 µL	Eq	0.5-12.5 µL	4.5-9.0	0.01 µL
384, 12.5 µL TIPS*					Packaging
94410050	ClipTip 384, 12.5	●	0.5-12.5 µL		Racked, 384 tips/rack, 10 racks/pack
94410053	ClipTip 384, 12.5	●	0.5-12.5 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420053	ClipTip 384, 12.5	●	0.5-12.5 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack
384, 30 µL PIPETTES*					Increment
467103BT	E1-ClipTip, 16-ch 1-30 µL	●	1-30 µL		0.01 µL
467203BT	E1-ClipTip Equalizer 384, 8-ch 1-30 µL	Eq	1-30 µL	4.5-14.2	0.01 µL
467204BT	E1-ClipTip Equalizer 384, 12-ch 1-30 µL	Eq	1-30 µL	4.5-9.0	0.01 µL
384, 30 µL TIPS*					Packaging
94410100	ClipTip 384, 30	●	1-30 µL		Racked, 384 tips/rack, 10 racks/pack
94410103	ClipTip 384, 30	●	1-30 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420103	ClipTip 384, 30	●	1-30 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack
125 µL PIPETTES					Increment
467002BT	E1-ClipTip, 2-125 µL	●	2-125 µL		0.1 µL
467104BT	E1-ClipTip, 8-ch 2-125 µL	●	2-125 µL		0.1 µL
467105BT	E1-ClipTip, 12-ch 2-125 µL	●	2-125 µL		0.1 µL
467205BT	E1-ClipTip Equalizer, 8-ch 2-125 µL	Eq	2-125 µL	9.0-14.2	0.1 µL
200 µL TIPS					Packaging
94410310	ClipTip 200	●	2-200 µL		Racked, 96 tips/rack, 10 racks/pack
94410313	ClipTip 200	●	2-200 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94410317	ClipTip 200	●	2-200 µL		Reload Tower, 96 tips/insert, 10 inserts/pack
94410318	ClipTip 200	●	2-200 µL		Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420313	ClipTip 200	●	2-200 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420318	ClipTip 200	●	2-200 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
384, 125 µL PIPETTES*					Increment
467106BT	E1-ClipTip, 16-ch 2-125 µL	●	2-125 µL		0.1 µL
467206BT	E1-ClipTip Equalizer 384, 8-ch 2-125 µL	Eq	2-125 µL	4.5-14.2	0.1 µL
467207BT	E1-ClipTip Equalizer 384, 12-ch 2-125 µL	Eq	2-125 µL	4.5-9.0	0.1 µL
384, 125 µL TIPS*					Packaging
94410150	ClipTip 384, 125	●	2-125 µL		Racked, 384 tips/rack, 10 racks/pack
94410153	ClipTip 384, 125	●	2-125 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420153	ClipTip 384, 125	●	2-125 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack

- 10 µL/ 12.5 µL/ 20 µL
- 30 µL/ 50 µL
- 100 µL/ 125 µL/ 200 µL
- 300 µL
- 850 µL/ 1000 µL
- 1250 µL

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

E1-ClipTip Electronic Pipettes and ClipTip Pipette Tips

Item No.	Description	Color Key	Volume Range	Tip Spacing Range (mm)	Increment/Packaging
300 µL PIPETTES					Increment
4670030BT	E1-ClipTip, 10-300 µL	●	10-300 µL		0.1 µL
4671070BT	E1-ClipTip, 8-ch 10-300 µL	●	10-300 µL		0.1 µL
4671080BT	E1-ClipTip, 12-ch 10-300 µL	●	10-300 µL		0.1 µL
4672080BT	E1-ClipTip Equalizer, 8-ch 10-300 µL	Eq	10-300 µL	9.0-14.2	0.1 µL
300 µL TIPS					Packaging
94410510	ClipTip 300	●	10-300 µL		Racked, 96 tips/rack, 10 racks/pack
94410513	ClipTip 300	●	10-300 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94410517	ClipTip 300	●	10-300 µL		Reload Tower, 96 tips/insert, 10 inserts/pack
94410518	ClipTip 300	●	10-300 µL		Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420513	ClipTip 300	●	10-300 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420518	ClipTip 300	●	10-300 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
850 µL PIPETTES					Increment
4671090BT	E1-ClipTip, 12-ch 30-850 µL	●	30-850 µL		1.0 µL
1000 µL TIPS					Packaging
94410710	ClipTip 1000	●	30-1000 µL		Racked, 96 tips/rack, 8 racks/pack
94410713	ClipTip 1000	●	30-1000 µL		Racked, Sterile, 96 tips/rack, 8 racks/pack
94410717	ClipTip 1000	●	30-1000 µL		Reload Tower, 96 tips/insert, 8 inserts/pack
94410718	ClipTip 1000	●	30-1000 µL		Reload Tower, Sterile, 96 tips/insert, 8 inserts/pack
94420713	ClipTip 1000	●	30-1000 µL		Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420718	ClipTip 1000	●	30-1000 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack
15-1250 µL PIPETTES					Increment
4670040BT	E1-ClipTip, 15-1250 µL	●	15-1250 µL		1.0 µL
4671100BT	E1-ClipTip, 8-ch 15-1250 µL	●	15-1250 µL		1.0 µL
4672090BT	E1-ClipTip Equalizer, 6-ch 15-1250 µL	Eq	15-1250 µL	9.0-19.8	1.0 µL
4672100BT	E1-ClipTip Equalizer, 8-ch 15-1250 µL	Eq	15-1250 µL	9.0-14.2	1.0 µL
1250 µL TIPS					Packaging
94410810	ClipTip 1250	●	15-1250 µL		Racked, 96 tips/rack, 8 racks/pack
94410813	ClipTip 1250	●	15-1250 µL		Racked, Sterile, 96 tips/rack, 8 racks/pack
94410817	ClipTip 1250	●	15-1250 µL		Reload Insert, 96 tips/insert, 8 inserts/pack
94410818	ClipTip 1250	●	15-1250 µL		Reload Insert, Sterile, 96 tips/insert, 8 inserts/pack
94420813	ClipTip 1250	●	15-1250 µL		Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420818	ClipTip 1250	●	15-1250 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack

- 10 µL/ 12.5 µL/ 20 µL
- 30 µL/ 50 µL
- 100 µL/ 125 µL/ 200 µL
- 300 µL
- 850 µL/ 1000 µL
- 1250 µL

Accessories

Item No.	Description	Color Key	Increment/Packaging
9420500	E1-ClipTip Charging Stand, 1 position		Compatible with E1-ClipTip pipettes
9420510	E1-ClipTip Multi Charging Stand, 3 position		Compatible with E1-ClipTip pipettes
94410219	Empty Rack, Small	● ●	10 racks, no tips/inserts
94410519	Empty Rack, Medium	● ●	10 racks, no tips/inserts
94410819	Empty Rack, Large	● ●	8 racks, no tips/inserts



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