

Thermo Scientific E1-ClipTip Electronic pipettes

The Thermo Scientific™ E1-ClipTip™ pipette combines interlocking technology that ensures secure tip attachment with the efficiency of electronic pipetting action. Increase productivity with an intuitive personalized user interface that allows for simple or complex use depending on the application.

Feel the assurance.

Achieve newfound confidence knowing that once attached, your tips are locked firmly in place and will not fall off. Users have full tip control throughout pipetting cycles, as pipette tips will only release when ejected.

A secure seal for every sample.

The unique interlock* design ensures the pipette and tip form a complete seal to secure the sample volume in each tip for enhanced accuracy and precision.

Go beyond limitations.

Revolutionize the way you pipette by leveraging the My Pipette™ Creator application in the Thermo Fisher Cloud. Create and share programs, download pre-written protocols, and transfer programs to and from your pipette via a Bluetooth** or USB connection.

Ideal solution for complex protocols.

Designed for optimum comfort and ease of use, the electronic tip ejection and index finger pipetting action let your thumb relax during pipetting and reduce the risk of Repetitive Strain Injury (RSI).

Adjustable tip spacing.

Perform sample transfers between virtually any tube, rack, microplate or horizontal gel box. Instantly save time and increase productivity simply by sliding the scale to expand and contract tips to your desired labware setting.

Two operating options ensure optimal function for every application.

Choose a step based Matrix or Presets with settings for your most common applications.

Unified Operation.

Customized user interface, five different user profiles, and password protection ensure consistent operation among multiple users.

Extended 2-year warranty.

With convenient online registration.***



Creating programs in the My Pipette Creator app is simple and efficient.





*E1-ClipTip 12.5 and all 384 E1-ClipTip pipettes utilize snap and lip tip fitting technology.

**Bluetooth models available in following countries: Andorra, Australia, Austria, Belgium, Bulgaria, Canada, China, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, India, Ireland, Italy, Japan, Korea (Rep. of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, San Marino, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, United States and Vatican. For other countries catalog numbers without 'BT' extension should be used.












***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 for pipettes that have been registered, one-year warranty for non-registered. To register, visit www.thermoscientific.com/pipettewarranty

Thermo Scientific ClipTip Electronic Pipettes

E1-ClipTip Single Channel Pipette Specifications*

| Catalog Number** | Description | Color Key | Channels | Volume Range | Increment (µl) | Volume (µl) | | | Inaccuracy | | Imprecision | | Compatible ClipTip |
|------------------|------------------------------|---|----------|--------------|----------------|-------------|-------|------|------------|------|--------------|-----|--------------------|
| | | | | | | | | | (µl) | % | s.d.*** (µl) | cv% | |
| 467000BT | E1-ClipTip 0.5-12.5 µl BT |  | 1-ch | 0.5-12.5 µl | 0.01 | 12.5 | 0.125 | 1.00 | 0.050 | 0.40 | ClipTip 12.5 | | |
| | | | | | | 6.25 | 0.063 | 1.00 | 0.050 | 0.80 | | | |
| | | | | | | 1.25 | 0.050 | 4.00 | 0.050 | 4.00 | | | |
| 467002BT | E1-ClipTip 2-125 µl BT |  | 1-ch | 2-125 µl | 0.1 | 125.0 | 0.75 | 0.60 | 0.25 | 0.20 | ClipTip 200 | | |
| | | | | | | 62.5 | 0.375 | 0.60 | 0.125 | 0.20 | | | |
| | | | | | | 12.5 | 0.30 | 2.40 | 0.10 | 0.80 | | | |
| 467003BT | E1-ClipTip 10-300 µl BT |  | 1-ch | 10-300 µl | 0.1 | 300.0 | 1.8 | 0.60 | 0.45 | 0.15 | ClipTip 300 | | |
| | | | | | | 150.0 | 0.9 | 0.60 | 0.225 | 0.15 | | | |
| | | | | | | 30.0 | 0.5 | 1.67 | 0.15 | 0.50 | | | |
| 467004BT | E1-ClipTip 15-1250 µl BT |  | 1-ch | 15-1250 µl | 1 | 1250.0 | 6.0 | 0.48 | 1.625 | 0.13 | ClipTip 1250 | | |
| | | | | | | 625.0 | 3.125 | 0.50 | 0.813 | 0.13 | | | |
| | | | | | | 125.0 | 3.0 | 2.40 | 0.6 | 0.48 | | | |

E1-ClipTip Multichannel Pipette Specifications*











| Catalog Number** | Description | Color Key | Channels | Volume Range | Increment (µl) | Volume (µl) | | | Inaccuracy | | Imprecision | | Compatible ClipTip |
|------------------|------------------------------------|---|----------|--------------|----------------|-------------|-------|-------|------------|-------|------------------|-----|--------------------|
| | | | | | | | | | (µl) | % | s.d.*** (µl) | cv% | |
| 467100BT | E1-ClipTip 8-ch 0.5-12.5 µl BT |  | 8-ch | 0.5-12.5 µl | 0.01 | 12.5 | 0.313 | 2.50 | 0.200 | 1.60 | ClipTip 12.5 | | |
| | | | | | | 6.25 | 0.156 | 2.50 | 0.150 | 2.40 | | | |
| | | | | | | 1.25 | 0.150 | 12.00 | 0.150 | 12.00 | | | |
| 467104BT | E1-ClipTip 8-ch 2-125 µl BT |  | 8-ch | 2-125 µl | 0.1 | 125.00 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 200 | | |
| | | | | | | 62.50 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | 12.50 | 1.00 | 8.00 | 0.50 | 4.00 | | | |
| 467107BT | E1-ClipTip 8-ch 10-300 µl BT |  | 8-ch | 10-300 µl | 0.1 | 300.00 | 6.0 | 2.00 | 1.8 | 0.60 | ClipTip 300 | | |
| | | | | | | 150.00 | 3.0 | 2.00 | 1.2 | 0.80 | | | |
| | | | | | | 30.00 | 1.5 | 5.00 | 0.6 | 2.00 | | | |
| 467110BT | E1-ClipTip 8-ch 15-1250 µ BT I |  | 8-ch | 15-1250 µl | 1 | 1250.00 | 18.0 | 1.44 | 7.50 | 0.60 | ClipTip 1250 | | |
| | | | | | | 625.00 | 9.375 | 1.50 | 3.75 | 0.60 | | | |
| | | | | | | 125.00 | 5.0 | 4.00 | 1.88 | 1.50 | | | |
| 467101BT | E1-ClipTip 12-ch 0.5-12.5 µl BT |  | 12-ch | 0.5-12.5 µl | 0.01 | 12.50 | 0.313 | 2.50 | 0.200 | 1.60 | ClipTip 12.5 | | |
| | | | | | | 6.25 | 0.156 | 2.50 | 0.150 | 2.40 | | | |
| | | | | | | 1.25 | 0.150 | 12.00 | 0.150 | 12.00 | | | |
| 467105BT | E1-ClipTip 12-ch 2-125 µl BT |  | 12-ch | 2-125 µl | 0.1 | 125.00 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 200 | | |
| | | | | | | 62.50 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | 12.50 | 1.00 | 8.00 | 0.50 | 4.00 | | | |
| 467108BT | E1-ClipTip 12-ch 10-300 µl BT |  | 12-ch | 10-300 µl | 0.1 | 300.00 | 6.0 | 2.00 | 1.80 | 0.60 | ClipTip 300 | | |
| | | | | | | 150.00 | 3.0 | 2.00 | 1.20 | 1.28 | | | |
| | | | | | | 30.00 | 1.5 | 5.00 | 0.60 | 4.00 | | | |
| 467109BT | E1-ClipTip 12-ch 30-850 µl BT |  | 12-ch | 30-850 µl | 1 | 850.00 | 12.75 | 1.50 | 5.10 | 0.60 | ClipTip 1000 | | |
| | | | | | | 425.00 | 6.375 | 1.50 | 2.55 | 0.60 | | | |
| | | | | | | 85.00 | 4.0 | 4.71 | 1.70 | 2.00 | | | |
| 467102BT | E1-ClipTip 16-ch 0.5-12.5 µl BT |  | 16-ch | 0.5-12.5 µl | 0.01 | 12.50 | 0.313 | 2.50 | 0.20 | 1.60 | ClipTip 384 12.5 | | |
| | | | | | | 6.25 | 0.156 | 2.50 | 0.150 | 2.40 | | | |
| | | | | | | 1.25 | 0.150 | 12.00 | 0.150 | 12.00 | | | |
| 467103BT | E1-ClipTip 16-ch 1-30 µl BT |  | 16-ch | 1-30 µl | 0.01 | 30.00 | 0.60 | 2.00 | 0.27 | 0.90 | ClipTip 384 30 | | |
| | | | | | | 15.00 | 0.30 | 2.00 | 0.30 | 2.00 | | | |
| | | | | | | 3.00 | 0.30 | 10.00 | 0.21 | 7.00 | | | |
| 467106BT | E1-ClipTip 16-ch 2-125 µ BT |  | 16-ch | 2-125 µl | 0.1 | 125.00 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 384 125 | | |
| | | | | | | 62.50 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | 12.50 | 1.00 | 8.00 | 0.50 | 4.00 | | | |

*Factory calibration limits achieved under strictly controlled conditions with forward pipetting technique (ISO 8655).

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***s.d. = Standard deviation; cv = Coefficient of variation

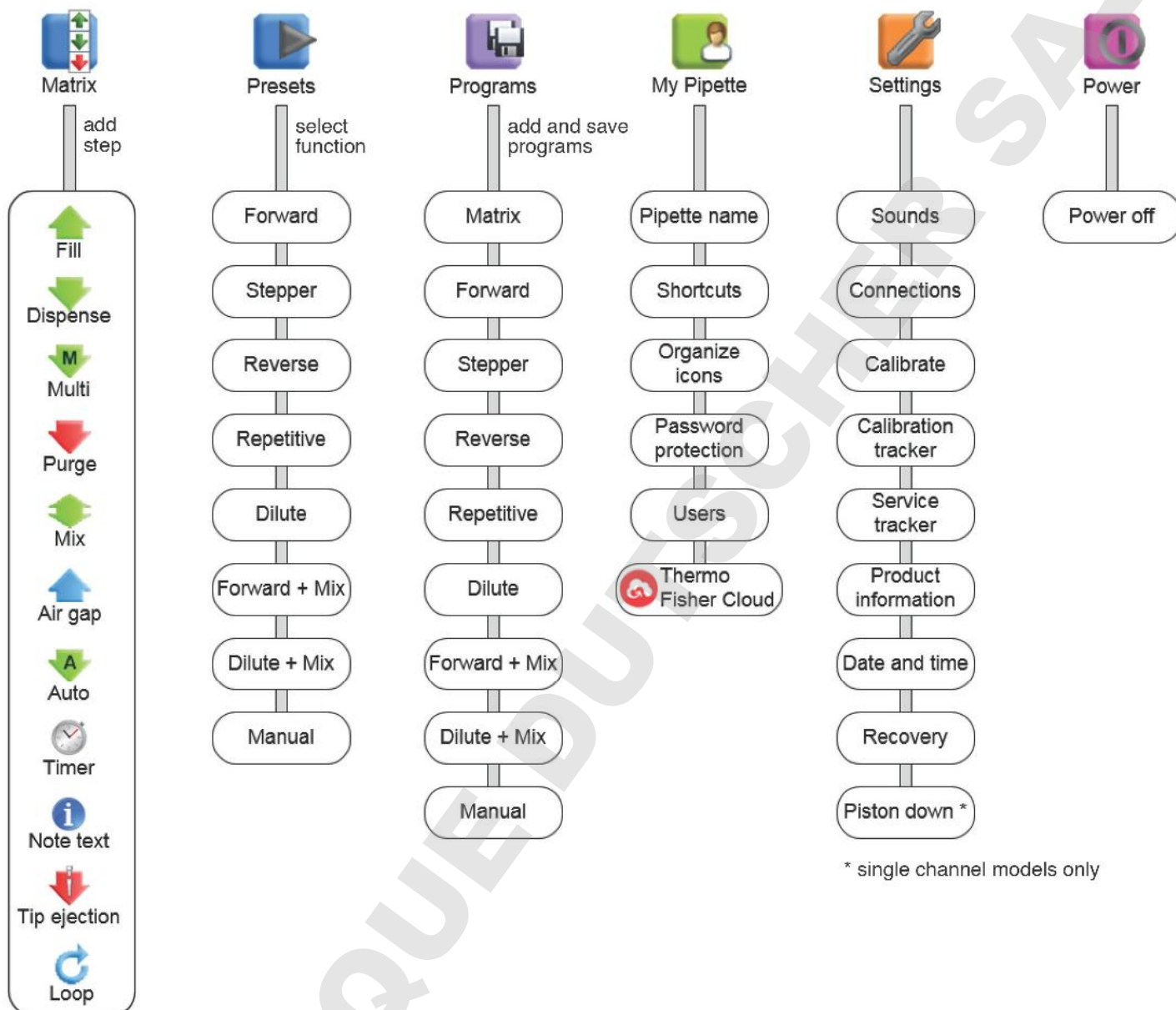
E1-ClipTip Adjustable Tip Spacing Equalizer Multichannel Pipette Specifications*

| Catalog Number** | Description | Color Key | Channels/ Tip Spacing Model | Volume Range | Increment (µl) | Tip Spacing Range Min - Max (mm) | Transfer Liquids Between | | Volume (µl) | Inaccuracy | | Imprecision | | Compatible ClipTip |
|------------------|---|---|-----------------------------|--------------|----------------|----------------------------------|--------------------------|-----------------------------|-------------|------------|-------|--------------|-------|--------------------|
| | | | | | | | To/From | From/To | | (µl) | % | s.d.*** (µl) | cv% | |
| 4672090BT | E1-ClipTip Equalizer 6-ch 15-1250 µl BT |  | 6-ch/96 | 15-1250 µl | 1 | 9.0-19.8 | 96-well microplates | Test tube racks | 1250.0 | 18.00 | 1.44 | 7.50 | 0.60 | ClipTip 1250 |
| | | | | | | | 625.0 | 9.375 | 1.50 | 3.75 | 0.60 | | | |
| | | | | | | | Deepwell blocks | 24-well microplates | 125.0 | 5.00 | 4.00 | 1.88 | 1.50 | |
| 4672050BT | E1-ClipTip Equalizer 8-ch 2-125 µl BT |  | 8-ch/96 | 2-125 µl | 0.1 | 9.0-14.2 | 96-well microplates | Micro-centrifuge tube racks | 125.0 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 200 |
| | | | | | | | 62.5 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | | Deepwell blocks | 48-well microplates | 12.5 | 1.00 | 8.00 | 0.50 | 4.00 | |
| 4672080BT | E1-ClipTip Equalizer 8-ch 10-300 µl BT |  | 8-ch/96 | 10-300 µl | 0.1 | 9.0-14.2 | 96-well microplates | Micro-centrifuge tube racks | 300.0 | 6.00 | 2.00 | 1.80 | 0.60 | ClipTip 300 |
| | | | | | | | 150.0 | 3.00 | 2.00 | 1.20 | 0.80 | | | |
| | | | | | | | Deepwell blocks | 48-well microplates | 30.0 | 1.50 | 5.00 | 0.60 | 2.00 | |
| 4672100BT | E1-ClipTip Equalizer 8-ch 15-1250 µl BT |  | 8-ch/96 | 15-1250 µl | 1 | 9.0-14.2 | 96-well microplates | Micro-centrifuge tube racks | 1250.0 | 18.00 | 1.44 | 7.50 | 0.60 | ClipTip 1250 |
| | | | | | | | 625.0 | 9.375 | 1.50 | 3.75 | 0.60 | | | |
| | | | | | | | Deepwell blocks | 48-well microplates | 125.0 | 5.00 | 4.00 | 1.88 | 1.50 | |
| 4672010BT | E1-ClipTip Equalizer 384 8-ch 0.5-12.5 µl BT |  | 8-ch/384 | 0.5-12.5 µl | 0.01 | 4.5-14.2 | 384 microplates | 96-and 48-well microplates | 12.5 | 0.313 | 2.50 | 0.200 | 1.60 | ClipTip 384 12.5 |
| | | | | | | | 6.25 | 0.156 | 2.50 | 0.150 | 2.40 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 1.25 | 0.150 | 12.00 | 0.150 | 12.00 | |
| 4672030BT | E1-ClipTip Equalizer 384 8-ch 1-30 µl BT |  | 8-ch/384 | 1-30 µl | 0.01 | 4.5-14.2 | 384 microplates | 96-and 48-well microplates | 30.0 | 0.60 | 2.00 | 0.27 | 0.90 | ClipTip 384 30 |
| | | | | | | | 15.0 | 0.30 | 2.00 | 0.30 | 2.00 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 3.00 | 0.30 | 10.00 | 0.21 | 7.00 | |
| 4672060BT | E1-ClipTip Equalizer 384 8-ch 2-125 µl BT |  | 8-ch/384 | 2-125 µl | 0.1 | 4.5-14.2 | 384 microplates | 96-and 48-well microplates | 125.0 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 384 125 |
| | | | | | | | 62.5 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 12.5 | 1.00 | 8.00 | 0.50 | 4.00 | |
| 4672020BT | E1-ClipTip Equalizer 384 12-ch 0.5-12.5 µl BT |  | 12-ch/384 | 0.5-12.5 µl | 0.01 | 4.5-9.0 | 384 microplates | 96-well microplates | 12.5 | 0.313 | 2.50 | 0.200 | 1.60 | ClipTip 384 12.5 |
| | | | | | | | 6.25 | 0.156 | 2.50 | 0.150 | 2.40 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 1.25 | 0.150 | 12.00 | 0.150 | 12.00 | |
| 4672040BT | E1-ClipTip Equalizer 384 12-ch 1-30 µl BT |  | 12-ch/384 | 1-30 µl | 0.01 | 4.5-9.0 | 384 microplates | 96-and microplates | 30.0 | 0.60 | 2.00 | 0.27 | 0.90 | ClipTip 384 30 |
| | | | | | | | 15.0 | 0.30 | 2.00 | 0.30 | 2.00 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 3.0 | 0.30 | 10.00 | 0.21 | 7.00 | |
| 4672070BT | E1-ClipTip Equalizer 384 12-ch 2-125 µl BT |  | 12-ch/384 | 2-125 µl | 0.1 | 4.5-9.0 | 384 microplates | 96-well microplates | 125.0 | 2.50 | 2.00 | 0.75 | 0.60 | ClipTip 384 125 |
| | | | | | | | 62.5 | 1.25 | 2.00 | 0.80 | 1.28 | | | |
| | | | | | | | 384 PCR Plates | Deepwell blocks | 12.5 | 1.00 | 8.00 | 0.50 | 4.00 | |
| | | | | | | | Agarose Gels | Deepwell blocks | | | | | | |

*Factory calibration limits achieved under strictly controlled conditions with forward pipetting technique (ISO 8655).

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***s.d. = Standard deviation; cv = Coefficient of variation



Find out more at thermofisher.com/cliptip

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