



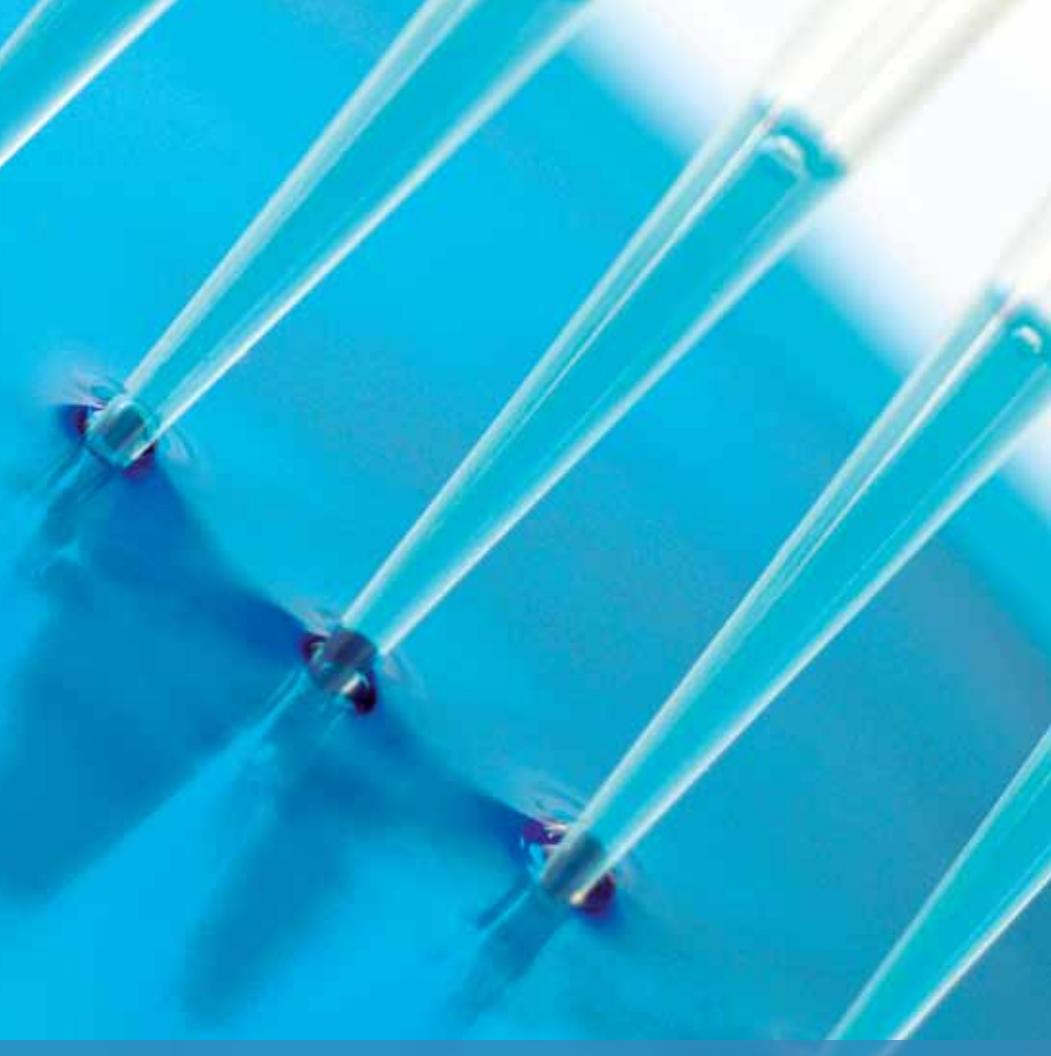
Thermo Scientific Laboratory Products Catalog



- Handheld Pipetting
- Compliance & Calibration Services

**The best products
and services**
for demanding lab applications

Thermo
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Thermo Scientific Laboratory Products Catalog

***Discover why more laboratories rely on
Thermo Scientific liquid handling solutions...***

This catalog is designed to help you select the best handheld pipetting products and support services to meet virtually any laboratory requirement. From manual Thermo Scientific Finnpipette F1 and F2 pipettors to electronic Finnpipette Novus pipettors, pipette tips and comprehensive compliance and calibration services – it's easy to find the best solution to meet any application challenge..

For additional information, contact your sales representative or
visit www.thermoscientific.com



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Handheld Pipetting

Proven leadership in the palm of your hand.

For 40 years, we have led the way in liquid handling and handheld pipetting products. Advanced ergonomics, dependable accuracy and precision, uncompromised safety – all are the hallmarks of our innovative product design. In 1971, we introduced the Thermo Scientific Finnpipette pipettor, the world's first continuously variable micropipettor. In 1976, we introduced the world's first multichannel pipettor. Since then, we have continuously enhanced our products to meet any pipetting challenge across the widest range of liquid handling applications.

For additional information about Thermo Scientific pipetting solutions, visit
thermoscientific.com/pipette.



Thermo Scientific Finnpipette F1 Single Channel Pipetters



Finnpipette® F1 Fixed- and Adjustable-Volume Pipetters set the standard in pipetting with superior comfort and performance.

Our F1 pipettor incorporates state-of-the-art innovations for ease of use and proven results. The Advanced Volume Gearing mechanism (AVG) is a self-supporting modular volume adjustment mechanism that enhances pipetting performance. It also delivers dependable accuracy and precision with real durability with its separate pipettor body.

The F1 Adjustable-Volume Pipettor offers a simple "set-and-forget" lock mechanism to adjust the volume, adjustable finger rest, and soft touch tip ejection while an innovative antimicrobial treatment protects the instrument against contamination.

Details

- **Antimicrobial surface:** Silver (Ag) ions create a naturally inhibiting surface to prevent the growth of bacteria, microbes and fungus
- **"Set-and-forget" pipetting button** enables an easy locking mechanism for volume adjustment, and rotates freely when not locked to prevent accidental volume drift during pipetting
- **Adjustable finger rest** can be adjusted 120° for optimal pipetting position
- **Super blow-out** piston with volumes of 50 µL and below ensures delivery of micro-size drops
- **ID tag space** for personal markings, blank tags supplied with the pipettor

Ergonomics

- **Extremely light** and smooth plunger action reduces the risk of Repetitive Strain Injury (RSI)
- **Lightweight construction** enables longer pipetting periods without fatigue
- **Soft-touch tip ejector** reduces the tip ejection forces by up to 50%
- **Adjustable finger rest** for superior comfort

Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips, as specified in the ordering table

Includes: Finnpipette F1 pipettor, calibration tool, blank ID tags, shelf hanger, Instructions manual, and calibration certificate

Warranty: Five years with Web registration

F1 Fixed-Volume Pipettors

Cat. No.	Description	Accuracy	Precision
4651000	1 µL	±4.0%	4.0%
4651010	5 µL	±1.4%	1.4%
4651020	10 µL	±0.9%	0.8%
4651130	20 µL	±0.7%	0.5%
4651030	25 µL	±0.6%	0.5%
4651040	50 µL	±0.6%	0.4%
4651050	100 µL	±0.4%	0.3%
4651140	200 µL	±0.4%	0.3%
4651060	250 µL	±0.4%	0.3%
4651070	500 µL	±0.3%	0.3%
4651080	1000 µL	±0.3%	0.3%
4651090	2000 µL	±0.3%	0.2%
4651100	3000 µL	±0.3%	0.2%
4651110	5000 µL	±0.3%	0.2%
4651120	10000 µL	±0.3%	0.2%

F1 Adjustable-Volume Pipettors

Cat. No.	Range	Increments	Accuracy	Precision	Finntip	Color Code
4641010	0.2-2 µL, micro	0.002 µL	±12.0 to 2.5%	10.0 to 2.0%	Flex 10, 10, 50	Pink
4641020	0.5-5 µL, micro	0.01 µL	±6.0 to 1.5%	5.0 to 1.0%	Flex 10, 10, 50	Pink
4641030	1-10 µL, micro	0.02 µL	±2.5 to 1.0%	2.0 to 0.5%	Flex 10, 10, 50	Pink
4641040	1-10 µL	0.02 µL	±3.5 to 1.0%	3.0 to 0.8%	Flex 200, 250 Univ.	Yellow
4641050	2-20 µL, micro	0.02 µL	±3.0 to 1.0%	2.5 to 0.4%	50 micro	Turquoise
4641060	2-20 µL	0.02 µL	±3.0 to 1.0%	2.5 to 0.4%	Flex 200, 250 Univ.	Yellow
4641130	5-50 µL, micro	0.02 µL	±3.0 to 0.6%	2.5 to 0.3%	50 micro	Turquoise
4641140	5-50 µL	0.02 µL	±3.0 to 0.6%	2.5 to 0.3%	Flex 200, 300, 250 Univ, 200 Ext	Yellow
4641070	10-100 µL	0.2 µL	±3.0 to 0.8%	1.0 to 0.2%	Flex 200, 250 Univ., 300, 200 Ext.	Yellow
4641080	20-200 µL	0.2 µL	±1.8 to 0.6%	0.7 to 0.2%	Flex 200, 250 Univ., 300, 200 Ext.	Yellow
4641090	30-300 µL	1 µL	±1.5 to 0.6%	0.6 to 0.2%	Flex 300, 300	Orange
4641100	100-1000 µL	1 µL	±1.0 to 0.6%	0.6 to 0.2%	Flex 1000, 1000, 1000 Ext.	Blue
4641110	0.5-5 mL	0.01 mL	±2.0 to 0.5%	0.8 to 0.2%	5 mL	Green
4641120	1-10 mL	0.02 mL	±2.0 to 0.5%	0.8 to 0.2%	10 mL, Flex 10 mL Ext.	Red

Thermo Scientific Finnpipette F1 Multichannel Pipetters



Finnpipette F1 Multichannel Pipetters offer the perfect combination of design innovation and user comfort for maximum productivity.

As with the single-channel Finnpipette F1 pipetters, the AVG mechanism ensures a high level of accuracy and precision. The soft-touch tip ejection is especially useful on multichannel models, significantly reducing the effort needed to eject multiple tips. In addition, the super blow-out function in low volume models ensures accurate dispensing for even the smallest volumes.

Our multichannel pipetters are available in 8-, 12- and 16-channel models, with a selection of volume ranges, and work best with Thermo Scientific Finntips.

Details

- **Antimicrobial surface:** Silver (Ag) ions create a naturally-inhibiting surface to prevent the growth of bacteria, microbes and fungus
- **"Set-and-forget" pipetting button** enables an easy locking mechanism for volume adjustment, and rotates freely when not locked, preventing accidental volume drift during pipetting
- **Adjustable finger rest** can be adjusted 120° for optimal pipetting position
- **ID tag space** for personal markings, blank tags supplied with the pipetter
- **Super blow-out piston** with volumes of 50 µL and below ensures delivery of micro-size drops
- Compatible with 96-well and 384-well for both high and low volume microplates

Ergonomics

- **Soft-touch tip ejector** reduces the tip ejection forces by up to 50%
- **Extremely light** and smooth plunger action reduces the risk of Repetitive Strain Injury (RSI)
- **Lightweight construction** enables longer pipetting periods without fatigue

Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips, as specified in the ordering table

Includes: Finnpipette F1 multichannel pipetter, calibration tool, module removal tool, blank ID tags, shelf hanger, Instruction manual and calibration certificate

Warranty: Five years with Web registration

Cat. No.	Range	Increments	Accuracy	Precision	Finnipet	Color Code
8-Channel						
4661000	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10, 10 micro, 50 micro	Pink
4661010	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	Flex 200, 250 Univ., 200 Ext.	Yellow
4661020	10-100 µL	0.2 µL	±5.0 to 1.3%	2.0 to 0.5%	Flex 200, 250 Univ., 200 Ext.	Yellow
4661030	30-300 µL	1 µL	±5.0 to 1.0%	2.0 to 0.3%	Flex 300, 300	Orange
12-Channel						
4661040	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10, 10 micro, 50 micro	Pink
4661050	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	Flex 200, 250 Univ., 200 Ext.	Yellow
4661060	10-100 µL	0.2 µL	±5.0 to 1.3%	2.0 to 0.5%	Flex 200, 250 Univ., 200 Ext.	Yellow
4661070	30-300 µL	1 µL	±5.0 to 1.0%	2.0 to 0.3%	Flex 300, 300	Orange
16-Channel						
4661080	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10 (384), 50 micro	Purple
4661090	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	50 micro	Turquoise

Thermo Scientific Finnpipette F1 GLP Kits

Finnpipette F1 GLP Kits include state-of-the-art Finnpipette F1 pipetters along with everything you need for superior pipetting.

All Finnpipette F1 Good Laboratory Pipetting kits offer superior performance plus unique features, including adjustable finger rest for user comfort, "set and forget" pipetting button, and an antimicrobial surface.

Each complete kit provides everything you need for good laboratory pipetting.

Details

- **Adjustable finger rest** for improved ergonomics and comfortability
- **"Set-and-forget" pipetting button** offers easy and secured volume adjustment
- **Antimicrobial surface** provides enhanced protection
- **Large easy-to-read display** prevents eye strain
- **Soft-touch tip ejector** enables light end effortless tip ejection

Ordering Information: The Finnpipette F1 GLP kit also includes samples of Finntip Flex tips for maximum performance and ergonomics, and a Good Laboratory Pipetting guide with extensive information about pipetting and factors that affect pipetting results.

Warranty: Five years with Web registration

Cat. No.	Description	Volume Range
4700850	F1 Kit 1 (1 to 1000 µL)	1-10 µL, 10-100 µL, 100-1000 µL
4700860	F1 Kit 2 (0.2 to 1000 µL)	0.2 µL, 2-20 µL, 20-200 µL, 100-1000 µL
4700865	F1 Kit 3 (10 to 10,000 µL)	10-100 µL, 100-1000 µL, 1000-10000 µL
4701060	F1 Kit 4 (2 to 2000 µL)	2-20 µL, 20-200 µL, 100-1000 µL



F1 Kit 1 (1-1000 µL)

Finnpipette F1, 1-10 µL
Finnpipette F1, 10-100 µL
Finnpipette F1, 100-1000 µL
Finntip Flex tips: 10, 1 × 96; 200, 1 × 96;
1000, 1 × 96
F-stand; F1 pen; F1 brochure
Good Laboratory Pipetting Guide
Reagent reservoir samples

F1 Kit 2 (0.2 to 1000 µL)

Finnpipette F1, 0.2-2 µL
Finnpipette F1, 2-20 µL univ
Finnpipette F1, 20-200 µL
Finnpipette F1, 100-1000 µL
Finntip Flex tips: 10, 1 × 96; 200, 2 × 96;
1000, 1 × 96
F-stand; F1 pen; F1 brochure
Good Laboratory Pipetting Guide
Reagent reservoir samples

F1 Kit 3 (10 to 10,000 µL)

Finnpipette F1, 10-100 µL
Finnpipette F1, 100-1000 µL
Finnpipette F1, 1000-10000 µL
Finntip Flex tips: 200, 1 × 96; 1000, 1 × 96;
FT 10 mL, 1 × 24
F-stand; F1 pen; F1 brochure
Good Laboratory Pipetting Guide
Reagent reservoir samples

F1 Kit 4 (2 to 2000 µL)

Finnpipette F1, 2-20 µL
Finnpipette F1, 20-200 µL
Finnpipette F1, 100-1000 µL
Flex tips: (2) 200 µL, 10 × 96;
100-1000 µL, 10 × 96
F-stand; F1 pen; F1 brochure
Good Laboratory Pipetting Guide
Reagent reservoir samples

Thermo Scientific Finnpipette F2 Single Channel Pipetters



Finnpipette F2 Fixed- and Adjustable-Volume Pipetters are durable and fully autoclavable for everyday pipetting needs.

Experience superior comfort, performance, reliability, and repeatability in one of the lightest pipetters available. These pipetters include a Advanced Volume Gearing mechanism (AVG) – a self-supporting modular volume adjustment mechanism that enhances pipetting performance.

Details

- **Large Ergovisio display** with white numbers on black background for increased visibility
- **Double-action pipetting button** prevents accidental volume changes
- **Super blow-out piston** with volumes of 50 µL and below ensures delivery of micro-size drops
- **Fully autoclavable** for dependable contamination prevention
- **ID tag** space for personal markings; blank tags supplied with the pipetter

Ergonomics

- **Extremely light** and smooth plunger action reduces the risk of Repetitive Strain Injury (RSI)
- **Lightweight construction** enables longer pipetting periods without fatigue
- **Soft-touch tip ejector** reduces the tip ejection forces by up to 50%
- **Wide and supportive** finger rest for comfortable pipetting

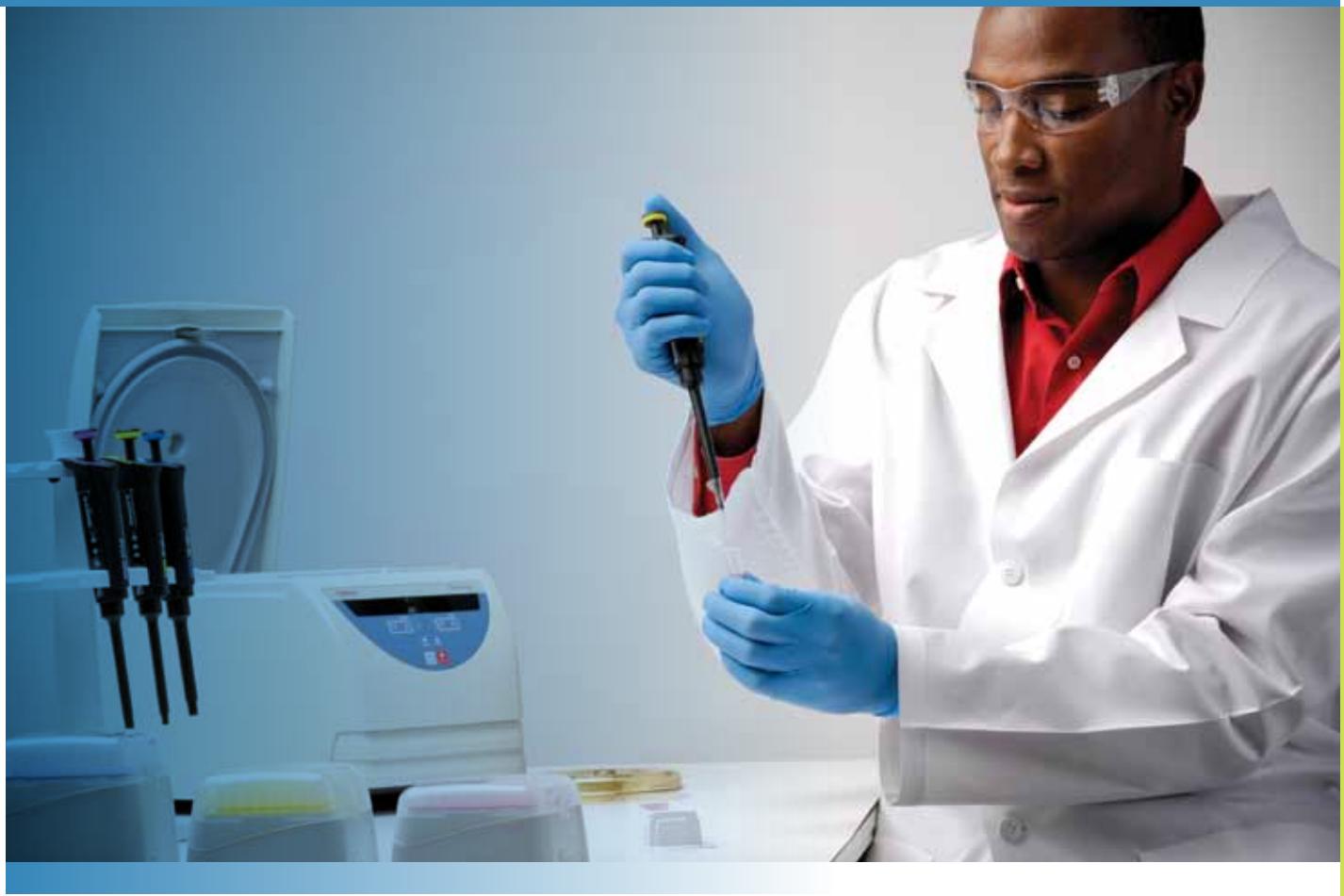
Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips, as specified in the ordering table

Includes: Finnpipette F2 pipetter, calibration tool, blank ID tags, shelf hanger, instruction manual and calibration certificate

Warranty: Five years with Web registration

F2 Fixed-Volume Pipetters

Cat. No.	Description	Accuracy	Precision
4652000	1 µL	±4.0%	4.0%
4652010	5 µL	±1.4%	1.4%
4652020	10 µL	±0.9%	0.8%
4652030	25 µL	±0.6%	0.5%
4652040	50 µL	±0.6%	0.4%
4652050	100 µL	±0.4%	0.3%
4652060	250 µL	±0.4%	0.3%
4652070	500 µL	±0.3%	0.3%
4652080	1000 µL	±0.3%	0.3%
4652090	2000 µL	±0.3%	0.2%
4652100	3000 µL	±0.3%	0.2%
4652110	5000 µL	±0.3%	0.2%
4652120	10000 µL	±0.3%	0.2%
4652130	20 µL	±0.6%	0.5%
4652140	200 µL	±0.4%	0.3%



F2 Adjustable-Volume Pipettors

Cat. No.	Range	Increments	Accuracy	Precision	Compatible Tips	Color Code
4642010	0.2-2 µL, micro	0.002 µL	±12.0 to 2.5%	10.0 to 2.0%	Flex 10, 10, 50	Pink
4642020	0.5-5 µL, micro	0.01 µL	±6.0 to 1.5%	5.0 to 1.0%	Flex 10, 10, 50	Pink
4642030	1-10 µL, micro	0.02 µL	±2.5 to 1.0%	2.0 to 0.5%	Flex 10, 10, 50	Pink
4642040	1-10 µL	0.02 µL	±3.5 to 1.0%	3.0 to 0.8%	Flex 200, 250 Univ.	Yellow
4642050	2-20 µL, micro	0.02 µL	±3.0 to 1.0%	2.5 to 0.4%	50 micro	Turquoise
4642060	2-20 µL	0.02 µL	±3.0 to 1.0%	2.5 to 0.4%	Flex 200, 250 Univ.	Yellow
4642120	5-50 µL, micro	0.1 µL	±0.3 to 0.15%	2.5 to 0.3%	50 micro	Turquoise
4642130	5- 50 µL	0.1 µL	±0.3 to 0.15%	2.5 to 0.3%	Flex 200, Flex 300, 250 Univ., 200 Ext.	Yellow
4642070	10-100 µL	0.2 µL	±3.0 to 0.8%	1.0 to 0.2%	Flex 200, 250 Univ., 300, 200 Ext.	Yellow
4642080	20-200 µL	0.2 µL	±1.8 to 0.6%	0.7 to 0.2%	Flex 200, 250 Univ., 300, 200 Ext.	Yellow
4642090	100-1000 µL	1 µL	±1.0 to 0.6%	0.6 to 0.2%	Flex 1000, 1000, 1000 Ext.	Blue
4642100	0.5-5 mL	0.01 mL	±2.0 to 0.5%	0.8 to 0.2%	5 mL	Green
4642110	1-10 mL	0.02 mL	±2.0 to 0.5%	0.8 to 0.2%	10 mL, Flex 10 mL Ext.	Red

Thermo Scientific Finnpipette F2 Multichannel Pipetters



The Finnpipette F2 Multichannel Pipetter includes an Advanced Volume Gearing mechanism (AVG) that provides a high level of accuracy and precision.

AVG is a self-supporting modular volume adjustment mechanism that enhances pipetting performance. Because it is separated from the pipetter body, its accuracy, precision and durability are significantly improved. The AVG mechanism is thermally isolated from the pipetter body, minimizing the effects of hand warmth on the accuracy.

These multichannel pipetters are available in 8-, 12- and 16-channel models with a selection of volume ranges. As with the single-channel Finnpipette F2 pipetters, the AVG mechanism ensures a high level of accuracy and precision. In addition, the super blow-out function in the low volume models provides accurate dispensing for even the smallest volumes.

Details

- **Large Ergovisio** display with white numbers on black background for increased visibility
- **Double-action pipetting button:** prevents accidental volume changes
- **ID tag** space for personal markings, blank tags supplied with the pipetter
- **Super blow-out piston** with volumes of 50 µL and below ensures delivery of micro-size drops
- **Fully autoclavable:** entire pipetter can be autoclaved in one piece for convenient decontamination prevention
- **Wide, supportive finger rest** for user comfort

Ergonomics

- **Soft-touch tip ejector** reduces the tip ejection forces by up to 50%
- **Extremely light** and smooth plunger action reduces the risk of Repetitive Strain Injury (RSI)
- **Lightweight construction** enables longer pipetting periods without fatigue

Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips, as specified in the ordering table

Includes: Finnpipette F2 multichannel pipettor, calibration tool, module removal tool, blank ID tags, shelf hanger, instruction manual and calibration certificate

Warranty: Five years with Web registration

Cat. No.	Range	Increment	Accuracy	Precision	Finntip	Color Code
8-Channel						
4662000	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10, 10, 50	Pink
4662010	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	Flex 200, 250 Univ., 200 Ext.	Yellow
4662020	10-100 µL	0.2 µL	±5.0 to 1.3%	2.0 to 0.5%	Flex 200, 250 Univ., 200 Ext.	Yellow
4662030	30-300 µL	1 µL	±5.0 to 1.0%	2.0 to 0.3%	Flex 300, 300	Orange
12-Channel						
4662040	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10, 10, 50	Pink
4662050	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	Flex 200, 250 Univ., 200 Ext.	Yellow
4662060	10-100 µL	0.2 µL	±5.0 to 1.3%	2.0 to 0.5%	Flex 200, 250 Univ., 200 Ext.	Yellow
4662070	30-300 µL	1 µL	±5.0 to 1.0%	2.0 to 0.3%	Flex 300, 300	Orange
16-Channel						
4662080	1-10 µL	0.02 µL	±12.0 to 2.4%	8.0 to 1.6%	Flex 10 (384), 50 micro	Purple
4662090	5-50 µL	0.1 µL	±5.0 to 1.5%	2.0 to 0.7%	50 micro	Turquoise

Thermo Scientific Finnpipette F2 GLP Kits

Finnpipette F2 GLP Kits provide durable, high-performance Finnpipette F2 pipettors in an all-inclusive kit containing everything you need for convenient, superior pipetting.

Finnpipette F2 pipettors feature an AVG (Advanced Volume Gearing) mechanism and a large display for improved usability and comfort.

Each complete kit offers everything you need for good laboratory pipetting.

Details

- **AVG: Volume gearing mechanism** for accuracy and precision
- **Fully autoclavable** for dependable protection
- **Soft-touch tip ejection** enables light tip ejection
- **Large display** prevents eye strain
- **Very light** pipetting forces for greater accuracy with less fatigue

Ordering Information: The Finnpipette F2 GLP kit includes samples of Finntip Flex tips – the most advanced traditional tip – offering very low attachment and ejection forces. The Good Laboratory Pipetting Guide contains comprehensive pipetting information, from choosing the right type to detailed decontamination procedures.

Warranty: Five years with Web registration

Cat. No.	Description	Volume Range
4700870	F2 Kit 1 (1 to 1000 µL)	1-10 µL, 10-100 µL, 100-1000 µL
4700880	F2 Kit 2 (0.2 to 1000 µL)	0.2 µL, 2-20 µL, 20-200 µL, 100-1000 µL
4700885	F2 Kit 3 (10 to 10,000 µL)	10-100 µL, 100-1000 µL, 1000-10000 µL
4701070	F2 Kit 4 (2 to 2000 µL)	2-20 µL, 20-200 µL, 100-1000 µL



F2 Kit 1 (1-1000 µL)

Finnpipette F2, 1-10 µL
Finnpipette F2, 10-100 µL
Finnpipette F2, 100-1000 µL
Flex tips: 10, 1 × 96; 200, 1 × 96;
1000, 1 × 96
F-stand; F2 pen; F2 brochure
Good Laboratory Pipetting Guide
Reagent reservoir demo pack

F2 Kit 2 (0.2 to 1000 µL)

Finnpipette F2, 0.2-2 µL
Finnpipette F2, 2-20 µL univ
Finnpipette F2, 20-200 µL
Finnpipette F2, 100-1000 µL
Flex tips: 10, 12 × 96; 200, 2 × 96;
1000, 1 × 96
F-stand; F2 pen; F2 brochure
Good Laboratory Pipetting Guide
Reagent reservoir demo pack

F2 Kit 3 (10 to 10,000 µL)

Finnpipette F2, 10-100 µL
Finnpipette F2, 100-1000 µL
Finnpipette F2, 1000-10000 µL
Flex tips: 200, 1 × 96; 1000, 1 × 96;
FT 10 mL, 1 × 24
F-stand; F2 pen; F2 brochure
Good Laboratory Pipetting Guide
Reagent reservoir demo pack

F2 Kit 4 (2 to 2000 µL)

Finnpipette F2, 2-20 µL
Finnpipette F2, 20-200 µL
Finnpipette F2, 100-1000 µL
Flex tips: (2) 200 µL, 10 × 96; 100-1000 µL,
10 × 96
F-stand; F2 pen; F2 brochure
Good Laboratory Pipetting Guide
Reagent reservoir demo pack

Thermo Scientific Finnpipette Stepper Pipetter



The Finnpipette Stepper Pipetter is a lightweight, easy-to-use repeater pipetter designed for one-handed dispensing.

Our lightweight, ergonomically-designed pipetter allows you to rapidly dispense up to 45 times in succession without refilling. Operating on the positive displacement principle, the Finnpipette Stepper is ideally suited for work with aggressive and viscous liquids.

Details

- **Makes up to 45 deliveries** before refilling is necessary
- **Positive displacement design** ensures accurate results, even for viscous, volatile or other problematic liquids
- **Lightweight, ergonomic handle** and wide finger rest minimize operator hand strain
- **Operation is simple** – just attach the appropriate tip size, fill and prime the tip, and dial the selected volume
- **Volume is easy to set**, with the aid of the convenient volume-setting chart located on the handle

Ergonomics

- **Universal handle** also fits the multichannel Finntip Steppers
- **Lightweight construction** minimizes hand fatigue during repetitive dispensing
- **Separate tip ejector** for safe and effortless tip disposal
- **Wide finger rest** minimizes operator hand strain
- **Module rotates a full 360°**, optimizing efficiency for both right and left-handed users

Ordering Information: Universal Stepper handle is also available with an eight-channel module. For convenient storage, pipetter stand is available (Cat. No. 14-387-14)

Includes: Unit comes with one adapter (nonsterile) necessary for use with 25 or 50 mL tips

Required Accessories: Uses the Thermo Scientific Finntip Stepper tip, a plunger-style tip available in nonsterile or sterile (individually wrapped) form. This tip comes in seven sizes from 0.5 to 50 mL, each with five different delivery volumes, for an overall dispensing range of 10 to 5000 µL. Only the disposable tip comes in contact with the sample, eliminating the risk of contaminating the pipetter body.

Cat. No.	Description	Volume Range
4540 000	Finnpipette Stepper	10-5000 µL

Thermo Scientific Finnpipette Multistepper Pipettor

The Finnpipette Multistepper Pipettor reduces the risk of error and increases productivity in immunoassay applications.

This lightweight, easy-to-use repeater pipettor provides simultaneous dispensing via eight channels. Designed especially for work with microplates, the Finnpipette Multistepper accelerates routine laboratory procedures for greater productivity.

Details

- **8-channel air-displacement pipettor**, designed especially for work with microplates
- **Easy to use** – simply attach, fill, and prime the module and dial the selected volume
- **Delivers 50, 100, 150, 200, or 250 µL**
- **With a single loading** it can deliver 24 x 50 µL=192 wells, 12 x 100 µL=96 wells, 8 x 150 µL=64 wells, 6 x 200 µL=48 wells, or 5 x 250 µL=40 wells
- **All eight channels are calibrated** to simultaneously dispense exactly the same volume of liquid
- **Pipettor capacity:** 1250 µL
- **Accuracy:** ±5.0 to 2.0%; precision: 5.0 to 2.0%
- **Handy volume chart** on the handle lets you know the maximum number of deliveries possible at a given volume setting

Ergonomics

- **Universal handle** also fits the seven single-channel Finntip Steppers
- **Lightweight construction** minimizes hand fatigue during repetitive dispensing
- **Separate tip ejector** for safe and effortless tip disposal
- **Wide finger rest** minimizes operator hand strain
- **Module rotates a full 360°**, optimizing efficiency for both right and left-handed users

Ordering Information: Accepts Finntip Multistepper 1500 µL tips that are extra long, with more air space between the liquid and tip cone to prevent contamination



Cat. No.	
4540-500	Handle and module
2206-590	8-Channel Module only

Cat. No.	Channels	Capacity	Disp.vol.	Increment	Volume	Inaccuracy		Imprecision		Finntip
						µL	%	s.d. * µL	CV %**	
4540 500 1)	8	1250 µL	50-250	50 µL	250 µL	±5.0	±2.0	5.0	2.0	Multistepper
2206 590 2)	8	1250 µL	50-250	50 µL	250 µL	±5.0	±2.0	5.0	2.0	Multistepper

* s.d. = Standard Deviation, CV = Coefficient of Variation ** Factory calibration limits. 1) Handle and module 2) Module only

Thermo Scientific Finnpipette Novus Single Channel Electronic Pipettors



Finnpipette Novus Single Channel Electronic Pipettors offer performance with simple operation and reduced stress for comfortable, productive pipetting.

Finnpipette Novus delivers performance with greater ease of use and reduced risk of injury. Unique to Novus, the adjustable index-finger trigger action reduces common repetitive stress injuries caused by thumb-driven pipettes, and the easy-to-follow prompts guide Novus users through 10 pipetting functions.

Details

- **Intuitive user interface** features a simple button layout and no abbreviations
- **Seven languages:** Operate in the user's native language (English, French, German, Italian, Japanese, Spanish, Swedish)
- **Backlit technology** eliminates surrounding light reflections and improves contrast in low-light conditions
- **10 pipetting functions and nine aspirate/dispense speeds:** Ultimate in flexibility with options not available in manual pipettes
- **Personalize up to nine programs** for your most common protocols: Save time and ensure accurate and precise pipetting
- **Easy in-lab, 2- or 1-point calibration:** Provides accurate and precise results in different applications
- **Fully autoclavable tip cone:** Prevents cross-contamination
- **Long-life lithium-ion battery** allows approximately 4,000 pipetting operations; recharges in approximately one hour
- **A large volume range from 1 µL up to 10 mL:** Meets virtually any application need

Ergonomic Design

- **Natural index finger pipetting operation:** Lets the thumb relax while pipetting
- **Adjustable finger rest:** For balance and comfort
- **Soft-touch tip ejection:** Minimizes thumb strain
- **Extremely lightweight construction:** Work longer without fatigue

Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips as specified in the ordering table. Also compatible with most universal-fit tips.

Includes: Finnpipette Novus, Universal charger, service tool, instruction manual and calibration certificate

Warranty: Two years with Web registration

Cat. No.	Volume Range (calibration)	Volume Range (functional)**	Increment	Accuracy %*	Precision %*	Color code	Compatible Finntip
46200000	1-10 µL micro	0.5-10 µL	0.01 µL	±3.5 to ±1.0	3.0 to 0.5	Pink	Flex 10, 10, 20 micro, 50 micro
46200100	1-10 µL	0.5-10 µL	0.01 µL	±7.0 to ±1.0	6.0 to 0.5	Yellow	Flex 200, 250 Univ., 200 Ext.
46200200	5-50 µL micro	2.5-50 µL	0.1 µL	±3.0 to ±0.8	2.5 to 0.3	Turquoise	50
46200300	5-50 µL	2.5-50 µL	0.1 µL	±3.0 to ±0.8	2.5 to 0.3	Yellow	Flex 200, 250 Univ., 200 Ext.
46200400	10-100 µL	5-100 µL	0.1 µL	±3.0 to ±0.8	1.0 to 0.2	Yellow	Flex 200, 250 Univ., 200 Ext.
46200500	30-300 µL	15-300 µL	1 µL	±3.0 to ±0.6	0.7 to 0.2	Orange	Flex 300, 300
46200600	100-1000 µL	50-1000 µL	1 µL	±3.0 to ±0.6	0.6 to 0.2	Blue	Flex 1000, 1000, 1000 Ext.
46200700	0.5-5 mL	0.25-5 mL	0.01 mL	±3.0 to ±0.6	0.8 to 0.2	Green	5 mL
46200800	1-10 mL	0.5-10 mL	0.01 mL	±3.0 to ±0.6	0.8 to 0.2	Red	10 mL, Flex 10 mL Ext.

*Factory calibration limits achieved under strictly controlled conditions (ISO 8655).

**The Functional volume range indicates the volume range that the pipette can cover in the Stepper, Sequential Stepper and Sequential Aspirate functions.

Thermo Scientific Finnpipette Novus Multichannel Electronic Pipetters

Finnpipette Novus Multichannel Pipetters offer superior performance for microplate applications.

Finnpipette Novus pipetters deliver outstanding performance with greater ease of use and less risk of injury. Unique to Novus pipetters, the adjustable index-finger trigger action prevents common repetitive stress injuries caused by thumb-driven pipettes, and the easy-to-follow prompts guide users through 10 pipetting functions.

Repetitive dispensing with stepper functionality excels at filling microplates by saving time and effort compared to manual pipetters. Dispensing of two selected volumes with an air cap between, followed by a mix step with DILUTE+MIX function, is excellent for the preparation of standard curves. The Novus 1200 µL 8-channel pipette is ideal for high volume stepping of an entire plate, (e.g., dispense 100 µL up to 12 columns). The pipettor is also a practical tool for filling high volume deep well plates. For 384-microplate applications, choose the Novus 16-channel model.

Details

- **Intuitive user interface** features a simple button layout and no abbreviations
- **Seven languages:** Operate in the user's native language (English, French, German, Italian, Japanese, Spanish, Swedish)
- **Backlit technology** eliminates surrounding light reflections and improves contrast in low-light conditions
- **10 pipetting functions and nine aspirate/dispense speeds:** Ultimate in flexibility and variety not available in manual pipettes
- **Personalize up to nine programs** for your most common protocols: Save time and ensure accurate and precise pipetting
- **Easy in-lab, 2- or 1-point calibration:** For accurate and precise results in different applications
- **Fully autoclavable tip cones***:** Prevents cross-contamination
- **Long-life lithium-ion battery** allows approximately 4,000 pipetting operations; recharges in approximately one hour
- **A large volume range from 1 µL up 1200 µL:** Accommodates many applications

Ergonomic Design

- **Natural index finger pipetting operation:** Lets the thumb relax while pipetting
- **Adjustable finger rest:** For balance and comfort
- **Soft-touch tip ejection:** Minimizes thumb strain
- **Extremely lightweight construction:** Work longer without fatigue



Ordering Information: Ideal for use with Thermo Scientific Finntip pipette tips, as specified in the ordering table. Also compatible with most universal-fit tips.

Includes: Finnpipette Novus, universal charger, service tool, instruction manual and calibration certificate

Warranty: Two years with Web registration

Cat. No.	Channels	Range (calibration)	Range (functional)**	Increment	Accuracy %*	Precision %*	Color code	Compatible Finntip
46300000	8	1-10 µL	0.5-10 µL	0.1 µL	±12.0 to ±2.4	8.0 to 1.6	Pink	Flex 10, 10, 20 micro, 50 micro
46300100	12	1-10 µL	0.5-10 µL	0.1 µL	±12.0 to ±2.4	8.0 to 1.6	Pink	Flex 10, 10, 20 micro, 50 micro
46300200	8	5-50 µL	2.5-50 µL	0.1 µL	±5.0 to ±1.5	2.0 to 0.7	Yellow	Flex 200, 200 Ext, 250
46300300	12	5-50 µL	2.5-50 µL	0.1 µL	±5.0 to ±1.5	2.0 to 0.7	Yellow	Flex 200, 200 Ext, 250
46300700	16	5-50 µL	2.5-50 µL	0.1 µL	±5.0 to ±1.5	2.0 to 0.7	Turquoise	50
46300400	8	30-300 µL	15-300 µL	1 µL	±5.0 to ±1.0	2.0 to 0.3	Orange	Flex 300, 300
46300500	12	30-300 µL	15-300 µL	1 µL	±5.0 to ±1.0	2.0 to 0.3	Orange	Flex 300, 300
46300800	8	100-1200 µL	50-1200 µL	1 µL	±3.0 to ±1.0	0.9 to 0.2	Turquoise	Flex 1200

*Factory calibration limits achieved under strictly controlled conditions (ISO 8655). **The Functional volume range indicates the volume range that the pipette can cover in the Stepper, Sequential Stepper and Sequential Aspirate functions. ***Except the 8-channel 1200 µL model

Thermo Scientific Finnpipette Dispensers



Finnpipette Dispensers – a superior tool for dosing liquids from reagent bottles.

Finnpipette Dispensers protect users even when handling aggressive liquids. Six models are available, covering volumes between 0.2 and 60 mL.

Details

- Ergonomically designed, non-slip piston handle
- Excellent chemical and thermal resistance
- Fully autoclavable without disassembling
- Precise self-locking system in the volume setting
- Volumes are absolutely reproducible
- Dispensing head cap prevents dripping
- Universal fit for reagent bottles
- Ergonomic design prevents work fatigue
- Comprehensive volume range
- Threaded suction hose for bubble-free suction

Ergonomics:

- Ergonomic and non-slip handle knob
- Dispenser surface roughened for non-slip grip
- Easy to adjust volume adjustment wheel

Warranty: One year

Certifications: Individual calibration certificate with serial number

Notes: Limitations include HF, liquids that attack Halar, FEP or Hastelloy suspensions because solid particles might block the valves.

Cat. No.	Description	Accuracy	Precision
4421120	Range: 0.2-1.0 mL	±6.0 µL	2.0 µL
4421130	Range: 0.4-2.0 mL	±12.0 µL	4.0 µL
4421140	Range: 1-5 mL	±30.0 µL	10.0 µL
4421150	Range: 2-10 mL	±60.0 µL	20.0 µL
4421160	Range: 5-30 mL	±180 µL	60.0 µL
4421170	Range: 10-60 mL	±360 µL	120 µL



Thermo Scientific Finnpipette Accessories

Finnpipette Stands provide safe and convenient manual and electronic pipetter storage.

The Finnpipette F-stand accommodates six pipettes. The sturdy crossbar structure with a slot for each pipettor enables it to sit snugly in the stand. The Finnpipette F-stand is suitable for both single channel and multichannel models.

The Finnpipette multichannel stand is a multi-position stand for a multichannel pipettor. The pipettor can be stored in an upright or horizontal position. The stand has a small footprint and can hold any multichannel Finnpipette.

The Finnpipette Novus stand is designed for convenient storage of an electronic Finnpipette Novus pipettor. Both single channel and multichannel Finnpipette Novus models can be accommodated with ease.



Finnpipette F-stand

Cat. No.	Stands for Manual and Electronic Finnpipettes	Qty./ Unit
9420400	F-Stand, Linear Stand, white, 6 positions	1
9420390	Multichannel Pipettor Stand, 1 position	1
9420290	Pipette Stand, gray, for 6 pipettors	1
9420320	Pipette Mini-stand, gray, for 3 pipettors	1
9420340	Carousel Stand, for 6 manual or 3 electronic pipettors, including cover	1
2206040	Finnpipette Shelf Hanger	1
9420360	Novus Single Pipettor Stand	1
2209480	Novus Adapter for Carousel Stand (3 pcs)	3
2209490	Novus Adapter for Carousel Stand (1 pc)	1

Cat. No.	Finnpipette Dispenser Accessories	
4421260	Bottle Adapters A25 & A38 (one of each)	2
4421270	Extended Suction Tube, 0,2-10 mL	1
4421280	Extended Suction Tube, 5-60 mL	1
4421290	Extended Discharge Tubing, 0,2-10 mL	1
4421300	Extended Discharge Tubing, 5-60 mL	1



Finnpipette multichannel stand

Finnpipette Novus stand

Thermo Scientific Reagent Reservoirs



Our Reagent Reservoirs provide a wide variety of solutions to support all of your pipetting procedures.

Our product innovation extends beyond Thermo Scientific pipettors and tips. Even our reagent reservoirs have been designed to provide tailored solutions. Four variations of reservoirs are available: 25 mL, 25 mL with divider, 100 mL and a reusable polypropylene 75 mL reservoir.

Details

- **Single use reservoirs:** 25 mL, 25 mL divided and 100 mL
- **Trough within a trough** maximizes the amount of liquid accessible to pipette tips when using small amounts of reagent
- **Pour-off spouts on all four corners** reduce spillage when pouring reagents out of reservoir
- **Graduations on inside wall** enable quick measurement of remaining liquid
- **Extra-wide base** adds rigidity and stability to reservoir, helping to avoid spills
- **25 mL divided reservoir** allows the pipetting of two different reagents with up to eight channels on one side, and up to four on the other; maximizes recovery if using only single channel and a small amount of reagent
- **Sterile reservoirs** are packaged in snap-and-tear bags for sterility and easy opening

60 mL reagent basin

- Unique V-shape: ideally suited for multichannel pipettors
- Autoclavable polypropylene

8-Channel reagent vessel

- Capacity: 10 mL/channel
- Autoclavable polypropylene

100 mL reagent basin

- Capacity: 100 mL
- Autoclavable polypropylene

Cat. No.	Description
9510027	Reagent Basin, 60 mL
9510037	Reservoir, 8-well, 10 mL
9510047	Reservoir, 1-well, 100 mL
95128085	Reagent Reservoir, Disposable, 100 mL
95128095	Reagent Reservoir, Disposable, w/Divider, 25 mL
95128080	Reagent Reservoir Demo Package
95128093	Reagent Reservoir, Disposable, 25 mL



► Centrifugation

Thermo Scientific general purpose benchtop centrifuges combine exceptional capacity and maximum throughput with proven ergonomic design and outstanding energy efficiency. Accelerate your sample preparation with Thermo Scientific innovative technologies, including:

- **ClickSeal® biocontainment rotor lids for one-handed, certified sample protection**
- **Secure, push-button Auto-Lock® rotor exchange for application versatility**
- **Broad rotor selection, including our lightweight Thermo Scientific Fiberlite® carbon fiber rotors, providing high performance and increased capacity**

From microcentrifuges and benchtop instruments to advanced floor models and innovative carbon fiber rotors – our centrifuge systems deliver outstanding performance and reliability in the lab.

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the full range
of superior
Thermo Scientific
solutions...**



Thermo Scientific Finntip Pipette Tips

Finntip* pipette tips are manufactured using high quality materials and the latest molding techniques for proven reliability.

Thermo Scientific Finntip pipette tips are designed for full compatibility with their matching Finnpipette pipettors, providing a perfect sealing of the tip along with optimum pipetting accuracy and precision. Manufactured with highest quality materials in automated production facilities, Finntip pipette tips deliver a superior pipetting solution for discerning users.

The Finntip product line covers a wide volume range from 0.2 µL to 10 mL. Available offerings include standard pipette tips as well as macro volume, extended, wide orifice and filtered designs in various packaging options. Also available are sterile racked tips that are certified free from DNA, DNase, RNase and endotoxin.

Details

- Manufactured from highest quality virgin polypropylene raw materials
- Versatile product offering including macro volume, extended, wide orifice and filtered design
- Wide volume range of 0.2 µL to 10 mL
- Sterile product versions certified free from DNA, DNase, RNase and endotoxin available
- Color-coded racks to match the compatible Finnpipette pipette

Pipetter Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables the compatibility also with pipettors from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified).



Cat. No.	Description	Packaging Type	Compatible Finnpipettes
Finntip 10, 0.2-10 µL, 3.2 cm, Pink			
9400310	Finntip 10	1000/bag	F1 (4641010, 4641020, 4641030, 4661000, 4661040), F2 (4642010, 4642020, 4642030, 4662000, 4662040), Novus (46200000, 46300000, 46300100)
9400300	Finntip 10	10 × 96/rack	
9400303	Finntip 10 sterile	10 × 96/rack	
9400326	Finntip 10 refill starter kit	4 × 192/rack + 10 × 192/refill	
9400327	Finntip 10 refill	20 × 192/refill	
Finntip 20, 0.2-20 µL, 3.3 cm, Purple			
9400620	Finntip 20	1000/bag	F1 (4641010, 4641020, 4641030, 4641050, 4661000, 4661040, 4661080), F2 (4642010, 4642020, 4642030, 4642050, 4662000, 4662040, 4662080), Novus (46200000, 46300000, 46300100)
9400610	Finntip 20	10 × 384/rack	
9400613	Finntip 20 sterile	10 × 384/rack	
Finntip 50, 0.2-50 µL, 4.8 cm, Turquoise			
9400360	Finntip 50	1000/bag	F1 (4641010, 4641020, 4641030, 4641050, 4641130, 4661000, 4661040, 4661080, 4661090), F2 (4642010, 4642020, 4642030, 4642050, 4642120, 4662000, 4662040, 4662080, 4662090), Novus (46200000, 46200200, 46300000, 46300100, 46300700)
9400370	Finntip 50	10 × 384/rack	
9400373	Finntip 50 sterile	10 × 384/rack	

Thermo Scientific Finntip Pipette Tips, continued

Cat. No.	Description	Packaging Type	Compatible Finnpipettes
Finntip 200 Ext, 5-200 µL, 7.8 cm, Orange			
9400100	Finntip 200 Ext	400/box	F1 (4641040, 4641060, 4641140, 4641070, 4641080, 4661010, 4661020, 4661050, 4661060),
9400130	Finntip 200 Ext	10 × 96/rack	F2 (4642040, 4642060, 4642130, 4642070, 4642080, 4662010, 4662050, 4662020, 4662060),
9400133	Finntip 200 Ext sterile	10 × 96/rack	Novus (46200100, 46200300, 46200400, 46300200, 46300300)
Finntip 250 Universal, 0.5-250 µL, 5.2 cm, Yellow			
9400250	Finntip 250 Universal	500/box	F1 (4641040, 4641060, 4641140, 4641070, 4641080, 4661010, 4661020, 4661050, 4661060),
9400230	Finntip 250 Universal	1000/bag	F2 (4642040, 4642060, 4642130, 4642070, 4642080, 4662010, 4662050, 4662020, 4662060),
9400220	Finntip 250 Universal	20,000/bulk	Novus (46200100, 46200300, 46200400, 46300200, 46300300)
9400260	Finntip 250 Universal	10 × 96/rack	
9400263	Finntip 250 Universal sterile	10 × 96/rack	
9400266	Finntip 250 Universal refill starter kit	4 × 96/rack + 10 × 96/refill	
9400267	Finntip 250 Universal refill	20 × 96/refill	
Finntip 300, 5-300 µL, 5.2 cm, Orange			
9401240	Finntip 300	20,000/bulk	F1 (4641040, 4641060, 4641140, 4641070, 4641080, 4641090, 4661010, 4661020, 4661050, 4661060, 4661030, 4661070),
9401250	Finntip 300	10 × 96/rack	F2 (4642040, 4642060, 4642130, 4642070, 4642080, 4662010, 4662050, 4662020, 4662060, 4662030, 4662070),
9401253	Finntip 300 sterile	10 × 96/rack	Novus (46200100, 46200300, 46200400, 46200500, 46300200, 46300300, 46300400, 46300500)
9401255	Finntip 300 refill	20 × 96/refill	
9401260	Finntip 300	1000/bag	
Finntip 1000, 100-1000 µL, 7.1 cm, Blue			
9401030	Finntip 1000	1000/bag	F1 (4641100), F2 (4642090), Novus (46200600)
9401010	Finntip 1000	10,000/bulk	
9401070	Finntip 1000	200/box	
9401110	Finntip 1000	10 × 96/rack	
9401113	Finntip 1000 sterile	10 × 96/rack	
9401115	Finntip 1000 refill	10 × 96/refill	
Finntip 1000 Ext, 100-1000 µL, 10.5 cm, Blue			
9401410	Finntip 1000 Ext	1000/bag	F1 (4641100), F2 (4642090), Novus (46200600)
9401420	Finntip 1000 Ext	5 × 96/rack	
9401423	Finntip 1000 Ext sterile	5 × 96/rack	
Finntip 5 mL, 0.5-5 mL, 14.7 cm, Green			
9402050	Finntip 5 mL	75/box	F1 (4641110), F2 (4642100), Novus (46200700)
9402030	Finntip 5 mL	500/bag	
9402010	Finntip 5 mL	3000/bulk	
9402070	Finntip 5 mL	5 × 54/rack	
9402073	Finntip 5 mL sterile	5 × 54/rack	
Finntip 10 mL, 1-10 mL, 15.0 cm, Red			
9402150	Finntip 10 mL	40/box	F1 (4641120), F2 (4642110), Novus (46200800)
9402151	Finntip 10 mL	100/bag	
9402160	Finntip 10 mL	5 × 24/rack	
9402163	Finntip 10 mL sterile	5 × 24/rack	

Thermo Scientific Finntip Extended Length Pipette Tips

Finntip Extended Length Pipette Tips are designed for use with extremely narrow or deep vessels.

Extended length tips allow you to access the bottom of test tubes, reagent bottles, flasks and other vessels without touching the barrel of your pipettor against the side of the tube.

The longer tip length of these tips allows you to reach the bottom of long or narrow vessels that standard tips cannot reach. The selection also includes an extended 10 mL tip, which is among the longest reaching tips available. The tip is very narrow and has been designed to reach to the bottom of common 1 L laboratory bottles and most volumetric flasks.

Details

- Prevents cross-contamination from vessel walls
- Allows reach to the bottom of particularly long or narrow vessels that standard tips cannot reach
- Versatile packaging options, with sterile and filtered versions available
- Chemical-resistant tips made of high-quality polypropylene
- Available in three volume ranges: 1-200 µL, 100-1000 µL and 1-10 mL

Pipettor Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables compatibility also with pipettors from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified).



Cat. No.	Description	Packaging Type	Compatible Finnpipettes
Finntip 200 Ext, 5-200 µL, 7.8 cm, Orange			
9400100	Finntip 200 Ext	400/box	F1 (4641040, 4641060, 4641140, 4641070, 4641080, 4661010, 4661020, 4661050, 4661060), F2 (4642040, 4642060, 4642130, 4642070, 4642080, 4662010, 4662050, 4662020, 4662060), Novus (46200100, 46200300, 46200400, 46300200, 46300300)
9400130	Finntip 200 Ext	10 × 96/rack	
9400133	Finntip 200 Ext sterile	10 × 96/rack	
Finntip 1000 Ext, 100-1000 µL, 10.5 cm, Blue			
9401410	Finntip 1000 Ext	1000/bag	F1 (4641100), F2 (4642090), Novus (46200600)
9401420	Finntip 1000 Ext	5 × 96/rack	
9401423	Finntip 1000 Ext sterile	5 × 96/rack	
Finntip 10 mL Ext, 1-10 mL, 26.7 cm			
94060970	Finntip Flex 10 mL Ext	100/bag	F1 (4641120), F2 (4642110), Novus (46200800)
94060973	Finntip Flex 10 mL Ext sterile	50/bag	

Thermo Scientific Finntip Wide Orifice Pipette Tips



Finntip Wide Orifice Pipette Tips are ideal for pipetting fragile cell suspensions and macromolecules including genomic DNA.

The wide orifice tips eliminate mechanical shearing that causes cell fragmentation. Depending on the model, the inside diameter of the orifice is 1.1 mm or 1.8 mm.

Details

- Designed for pipetting macromolecule
- Eliminates cell fragmentation caused by mechanical shearing
- Two different models covering a volume range of 10-1000 µL
- Wide orifice tips with orifice inside diameters of 1.1 mm or 1.8 mm

Pipettor Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables compatibility also with pipettors from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified).

Cat. No.	Description	Packaging Type	Compatible Finnpipettes
Finntip 250 Wide, 10-250 µL, 5.3 cm, White			
9405020	Finntip 250 Wide	1000/bag	F1 (4641040, 4641060, 4641140, 4641070, 4641080, 4661010, 4661020, 4661050, 4661060), F2 (4642040, 4642060, 4642130, 4642070, 4642080, 4662010, 4662050, 4662020, 4662060), Novus (46200100, 46200300, 46200400, 46300200, 46300300)
9405120	Finntip 250 Wide	10 × 96/rack	
9405123	Finntip 250 Wide sterile	10 × 96/rack	
Finntip 1000 Wide, 100-1000 µL, 7.2 cm, White			
9405050	Finntip 1000 Wide	400/bag	F1 (4641100), F2 (4642090), Novus (46200600)
9405060	Finntip 1000 Wide	6500/bulk	
9405160	Finntip 1000 Wide	10 × 96/rack	
9405163	Finntip 1000 Wide sterile	10 × 96/rack	

Thermo Scientific Finntip BioCon Pipette Tips

Finntip Biocon Pipette Tips are designed for applications that demand the utmost in biological purity.

Designed for applications that demand the highest levels of biological purity, the individually packed Finntip BioCon tips are guaranteed free of any biological contamination, including DNA, DNase, RNase and endotoxin. They are sterilized with irradiation, making them safe for medical uses (non-invasive), pharmaceutical and food industries, and PCR applications, as well as molecular biology and cell technology. A certificate of quality is provided in each box.

Details

- For applications that demand the highest biological purity
- Individually packed for maximum protection
- Available in three volume ranges: 0.2-10 µL, 0.5-250 µL and 100-1000 µL
- Certified free from DNA, DNase, RNase and endotoxin
- Certificate of quality is provided in each box

Pipetter Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipetters. The universal design enables compatibility also with pipetters from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified).



Cat. No.	Description	Volume	Packaging Type
94053100	Finntip BioCon 10	0.2 to 10 µL	100/box
94053200	Finntip BioCon 250	0.5 to 250 µL	100/box
94053300	Finntip BioCon 1000	100 to 1000 µL	50/box



Thermo Scientific Finntip Filter Pipette Tips



Finntip Filter Pipette Tips are designed to protect your samples from contamination.

Finntip Filter Pipette Tips provide superior protection against contamination. These sterile tips are produced in a controlled environment, sterilized with irradiation and are certified free from DNA, DNase, RNase and endotoxin. Our filter tips are ideal for a wide range of applications, especially sensitive procedures including PCR based reactions.

Finntip Filter Pipette Tips are available in racks with an assortment of volumes from 0.2 µL to 10 µL. Made from an inert non-sealing polyethylene matrix, the filter is effective at eliminating contamination from the pipettor to the sample, thereby ensuring the integrity of any pipetting function.

Details

- Wide volume range from 0.2 µL to 10 µL
- Filters composed of inert non-sealing polyethylene matrix effectively eliminate carryover contamination from the pipettor to the sample
- Ideal for use in sensitive applications, including PCR
- 10 µL to 1000 µL product versions, certified free from DNA, DNase, RNase and endotoxin
- Supplied as vacuum-sealed sterilized tip racks

Pipettor Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables compatibility also with pipettors from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD-certified)

Cat. No.	Description	Volume	Length	Packaging Type
94052000	Finntip Filter Micro 10 µL, sterile	0.2-10 µL	3.2 cm	10 × 96/rack
94052020	Finntip Filter Micro 20 µL, sterile	0.2-20 µL	3.3 cm	10 × 384/rack
94052060	Finntip Filter Micro 50 µL, sterile	0.2-50 µL	4.8 cm	10 × 384/rack
94052100	Finntip Filter 10 µL, sterile	0.5-10 µL	5.2 cm	10 × 96/rack
94052150	Finntip Filter 20 µL, sterile	0.5-20 µL	5.2 cm	10 × 96/rack
94052160	Finntip Filter 30 µL, sterile	0.5-30 µL	5.2 cm	10 × 96/rack
94052200	Finntip Filter 100 µL, sterile	0.5-100 µL	5.2 cm	10 × 96/rack
94052310	Finntip Filter 100 µL Ext, sterile	5-100 µL	7.8 cm	10 × 96/rack
94052300	Finntip Filter 200 µL, sterile	0.5-200 µL	5.2 cm	10 × 96/rack
94052320	Finntip Filter 200 µL Ext, sterile	5-200 µL	7.8 cm	10 × 96/rack
94052350	Finntip Filter 300 µL, sterile	5-300 µL	5.2 cm	10 × 96/rack
94052410	Finntip Filter 1000 µL, sterile	100-1000 µL	7.1 cm	10 × 96/rack
94052430	Finntip Filter 1000 µL Ext, sterile	100-1000 µL	10.5 cm	5 × 96/rack
94052550	Finntip Filter 5 mL, sterile	0.5-5 mL	14.7 cm	5 × 54/rack
94052600	Finntip Filter 10 mL, sterile	1-10 mL	15.0 cm	5 × 24/rack

Thermo Scientific Finntip Flex Pipette Tips

Finntip Flex Pipette Tips offer a consistent seal for higher accuracy and precision.

Finntip Flex Pipette Tips are flexible, soft and sophisticated high-end tips for discerning users. All elements of this pipetting system have been designed to meet the most demanding requirements for ergonomics and flexibility in today's fast-paced laboratories.

Finntip Flex Pipette Tips are available in easy-to-use 10, 200, 300, 1000, 1200 μ L and 10 mL sizes. The soft tip reduces the amount of force needed to attach and eject tips, significantly reducing the risk of Repetitive Strain Injury (RSI). It also ensures a better seal with the pipetter for greater accuracy and precision.

Details

- Excellent for single and multichannel pipetting
- Available in six volume ranges: 0.2-10 μ L, 1-200 μ L, 5-300 μ L, 5-1000 μ L, 50-1200 μ L and 1-10 mL
- Sterile tips are supplied in vacuum sealed, sterilized, 10x96 rack and they are certified to be free from DNA, DNase, RNase and endotoxin
- Save space with refills

Softer Tip

- The soft tip reduces the amount of force needed to attach and eject tips, significantly lowering the risk of Repetitive Strain Injury (RSI)
- Provides a better seal with the pipetter for greater accuracy and precision

Slip-free Rack

- The see-through cover is easy to open with one hand, leaving the other hand free to perform other tasks
- The sturdy base and slip-proof feet keep the rack stationary so you can easily, yet firmly, attach the tip

Pipetter Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables compatibility also with pipettes from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified)



Thermo Scientific Finntip Flex Pipette Tips, continued

Cat. No.	Description	Packaging Type	Compatible Finnpipettes
Finntip Flex 10, 0.1-10 µL, 3.3 cm, Pink			
94060120	Finntip Flex 10	1000/bag	
94060100	Finntip Flex 10	10 × 96/rack	
94060103	Finntip Flex 10 sterile	10 × 96/rack	
94060116	Finntip Flex 10 refill starter kit	1 × 96/rack + 20 × 96/refill	
94060117	Finntip Flex 10 refill kit	20 × 96/refill	
Finntip Flex 200, 1-200 µL, 6.0 cm, Yellow			
94060320	Finntip Flex 200	1000/bag	
94060310	Finntip Flex 200	10 × 96/rack	
94060313	Finntip Flex 200 sterile	10 × 96/rack	
94060316	Finntip Flex 200 refill starter kit	1 × 96/rack + 20 × 96/refill	
94060317	Finntip Flex 200 refill	20 × 96/refill	
Finntip Flex 300, 5-300 µL, 6.15 cm, Orange			
94060520	Finntip Flex 300	1000/bag	
94060510	Finntip Flex 300	10 × 96/rack	
94060513	Finntip Flex 300 sterile	10 × 96/rack	
94060516	Finntip Flex 300 refill starter kit	1 × 96/rack + 20 × 96/refill	
94060517	Finntip Flex 300 refill	20 × 96/refill	
Finntip Flex 1000, 50-1000 µL, 8.7 cm, Blue			
94060720	Finntip Flex 1000	1000/bag	
94060710	Finntip Flex 1000	10 × 96/rack	
94060713	Finntip Flex 1000 sterile	10 × 96/rack	
94060716	Finntip Flex 1000 refill starter kit	1 × 96/rack + 16 × 96/refill	
94060717	Finntip Flex 1000 refill	16 × 96/refill	
Finntip Flex 1200, 50-1200 µL, 8.7 cm, Turquoise			
94060820	Finntip Flex 1200	1000/bag	
94060810	Finntip Flex 1200	10 × 96/rack	
94060813	Finntip Flex 1200 sterile	10 × 96/rack	
94060816	Finntip Flex 1200 refill starter kit	1 × 96/rack + 16 × 96/refill	
94060817	Finntip Flex 1200 refill	16 × 96/refill	
Finntip Flex 10 mL Ext, 1-10 mL, 26.7 cm			
94060970	Finntip Flex 10 mL Ext	100/bag	F1 (4641120), F2 (4642110), Novus (46200800)
94060973	Finntip Flex 10 mL Ext sterile	50/bag	



Thermo Scientific Finntip Flex Filter Pipette Tips

Finntip Flex Filter Pipette Tips provide effective protection against contamination.

The Finntip Flex Filter Pipette Tips combine the ergonomics of a standard Finntip Flex pipette tip and the protection provided by a filtered tip. With the soft Flex tips, the amount of force needed to attach and eject tips is significantly reduced for enhanced pipetting ergonomics.

Finntip Flex Filter Pipette Tips effectively minimize the risk of passing contamination from the pipetter to the sample. Including a range of products certified free from DNA, DNase, RNase and endotoxin, these sterile tips suit all sensitive procedures, including PCR-based reactions where contamination is a concern. The filters are composed of an inert non-sealing polyethylene matrix and are effective at eliminating carryover contamination.

Details

- The soft tip reduces the amount of force needed to attach and eject tips, significantly lowering the risk of Repetitive Strain Injury (RSI)
- Filters made of inert non-sealing polyethylene matrix, effectively eliminate carryover contamination from the pipetter to the sample
- Ideal for use in sensitive applications, including PCR
- 10 µL to 1200 µL product versions certified-free from DNA, DNase, RNase and endotoxin
- Supplied as vacuum-sealed sterilized tip racks

Pipetter Compatibility: Finntip pipette tips are optimized for use with Finnpipette pipettors. The universal design enables compatibility also with pipettors from other manufacturers.

Certifications: Manufactured according to ISO 9001, ISO 14001 and ISO 13485 (CE/IVD certified).



Cat. No.	Description	Volume	Length	Packaging Type
94056980	Finntip Flex Filter 10 µL, sterile	0.2-10 µL	3.3 cm	10 × 96/rack
94056510	Finntip Flex Filter 30 µL, sterile	1-30 µL	6.0 cm	10 × 96/rack
94056520	Finntip Flex Filter 100 µL, sterile	1-100 µL	6.0 cm	10 × 96/rack
94056380	Finntip Flex Filter 200 µL, sterile	1-200 µL	6.0 cm	10 × 96/rack
94056580	Finntip Flex Filter 300 µL, sterile	5-300 µL	6.15 cm	10 × 96/rack
94056710	Finntip Flex Filter 1000 µL, sterile	100-1000 µL	8.7 cm	10 × 96/rack
94056810	Finntip Flex Filter 1200 µL, sterile	50-1200 µL	8.7 cm	10 × 96/rack
94056970	Finntip Flex Filter 10 mL Ext, sterile	1-10 mL	26.7 cm	50/bag

Thermo Scientific Finntip Stepper Tips



Finntip Stepper Tips are the perfect fit with Thermo Scientific Finnpipette Stepper Pipettes.

The Finntip Stepper Tips are plunger-style tips for positive displacement pipetting. Seven sizes are available in sterile and non-sterile versions.

Details

- Plunger-style tips
- Overall dispensing range of 10 to 5000 µL
- Nonsterile tips are bulk packaged; sterile tips are individually wrapped

Certifications: ISO 9001 and ISO 14001

Volume Setting Chart for Finntip Stepper Tips

Wheel Position	1	2	3	4	5
Maximum No. of Deliveries	44	22	15	11	9
Volume/Delivery with					
0.5 mL Tip	10 µL	20 µL	30 µL	40 µL	50 µL
1.25 mL Tip	25 µL	50 µL	75 µL	100 µL	125 µL
2.5 mL Tip	50 µL	100 µL	150 µL	200 µL	250 µL
5.0 mL Tip	100 µL	200 µL	300 µL	400 µL	500 µL
12.5 mL Tip	250 µL	500 µL	750 µL	1000 µL	1250 µL
25 mL Tip	500 µL	1000 µL	1500 µL	2000 µL	2500 µL
50 mL Tip	1000 µL	2000 µL	3000 µL	4000 µL	5000 µL

Cat. No.	Description	Packaging Type
Finntip Stepper 0.5 mL, dispensing volume: 10, 20, 30, 40, 50 µL		
9404170	Finntip Stepper, 0.5 mL	100/box
9404173	Finntip Stepper, 0.5 mL, sterile	50/box
Finntip Stepper 1.25 mL, dispensing volume: 25, 50, 75, 100, 125 µL		
9404180	Finntip Stepper, 1.25 mL	100/box
9404183	Finntip Stepper, 1.25 mL, sterile	50/box
Finntip Stepper 2.5 mL, dispensing volume: 50, 100, 150, 200, 250 µL		
9404190	Finntip Stepper, 2.25 mL	100/box
9404193	Finntip Stepper, 2.25 mL, sterile	50/box
Finntip Stepper 5.0 mL, dispensing volume: 100, 200, 300, 400, 500 µL		
9404200	Finntip Stepper, 5.0 mL	50/box
9404203	Finntip Stepper, 5.0 mL, sterile	25/box
Finntip Stepper 12.5 mL, dispensing volume: 250, 500, 750, 1000, 1250 µL		
9404210	Finntip Stepper, 12.5 mL	50/box
9404213	Finntip Stepper, 12.5 mL, sterile	25/box
Finntip Stepper 25 mL, dispensing volume: 500, 1000, 1500, 2000, 2500 µL		
9404220	Finntip Stepper, 25 mL	20/box
9404223	Finntip Stepper, 25 mL, sterile	10/box
Finntip Stepper 50 mL, dispensing volume: 1000, 2000, 3000, 4000, 5000 µL		
9404230	Finntip Stepper, 50 mL	10/box
9404233	Finntip Stepper, 50 mL, sterile	10/box

Thermo Scientific Finntip Multistepper Pipette Tips

Finntip Multistepper Pipette Tips optimize the performance of Thermo Scientific Finnpipette Multistepper Pipetters.

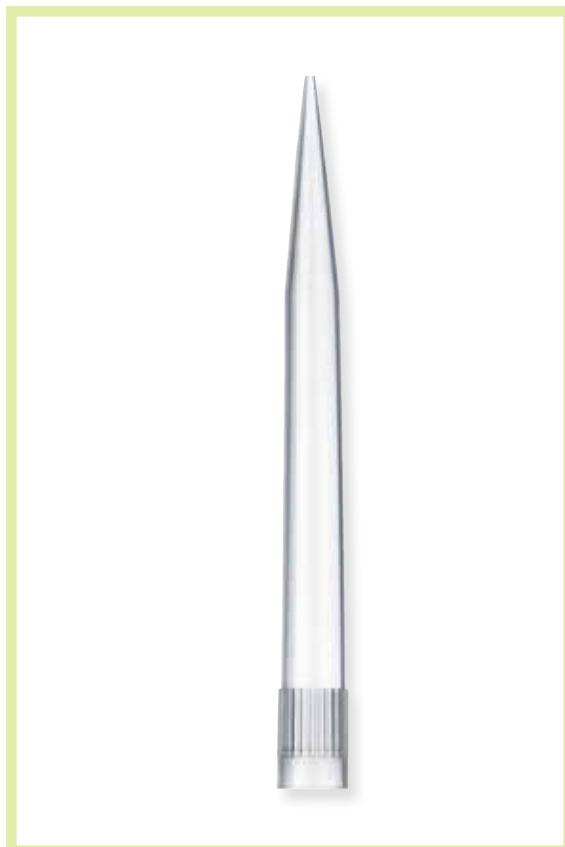
Specifically designed for use with the Thermo Scientific Finnpipette Multistepper Pipetter, this tip has a nominal volume of 1500 µL and accommodates standard 9 mm microplate spacing. Finntip Multistepper Tips are available in racks of 96 tips, in both sterile and non-sterile versions.

Details

- For use with Thermo Scientific Finnpipette Multistepper Pipetter
- Length: 8.8 cm
- Volume: 1500 µL

Certifications: ISO 9001 and ISO 14001

Cat. No.	Description	Packaging Type
Finntip Multistepper, 1500 µL, 8.5 cm, Turquoise		
9401300	Finntip Multistepper	400/box
9401330	Finntip Multistepper	10 × 96/rack
9401333	Finntip Multistepper, sterile	10 × 96/rack





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Compliance and Calibration Services



Multi-vendor Compliance Services

Our comprehensive services cover GML/GLP facilities, as well as facilities regulated by other national (e.g. EPA) and international regulations, including EMEA and ICH.

These services include:

- **Calibration** — We will verify the accuracy of a measuring system on your instrument against a reference standard, which may involve the adjustment of this system to minimize deviations from the standard and thereby improve its measurement accuracy.
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Performing routine preventive maintenance on laboratory instruments is the best way to keep them operating at peak performance for accurate results. It's also the best way of extending the life of the instruments, maximizing your investment.

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Multi-vendor Pipetter Calibration, Maintenance and Repair Services

Pipetters are probably the most ubiquitous tools used in the life sciences industry, and liquid handling in general is central to virtually all life sciences research and testing. A liquid handling tool that is not performing correctly and is delivering inaccurate or inconsistent volumes can have drastic consequences. To ensure that pipetters are aspirating and dispensing accurate volumes of liquid, as well as performing within specifications, it is generally accepted that they should undergo preventive maintenance and recalibration procedures at least once each year.

As a leading manufacturer of pipetters for more than 25 years, we possess pipetting knowledge and expertise that is second to none. And knowing how critical regular maintenance and calibration is to pipetting performance, we offer expert level pipetter service for both Thermo Scientific and non-Thermo Scientific brand pipetters through an expanding network of PipetteLab* service centers worldwide. We also certify as *factory authorized* many independent distributors and pipetter service providers who receive formal pipetter service training through our training program, and whose facilities and processes meet our standards.

When your pipetters are serviced through a PipetteLab service center or Factory Authorized service provider, you are receiving the very best service available.

Coming Soon: Look for exciting developments in 2011, as we continue to greatly expand our PipetteLab service network and deliver valuable new tools to support your pipetting success.



To learn more about any of the services described above, please contact your local sales representative.

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