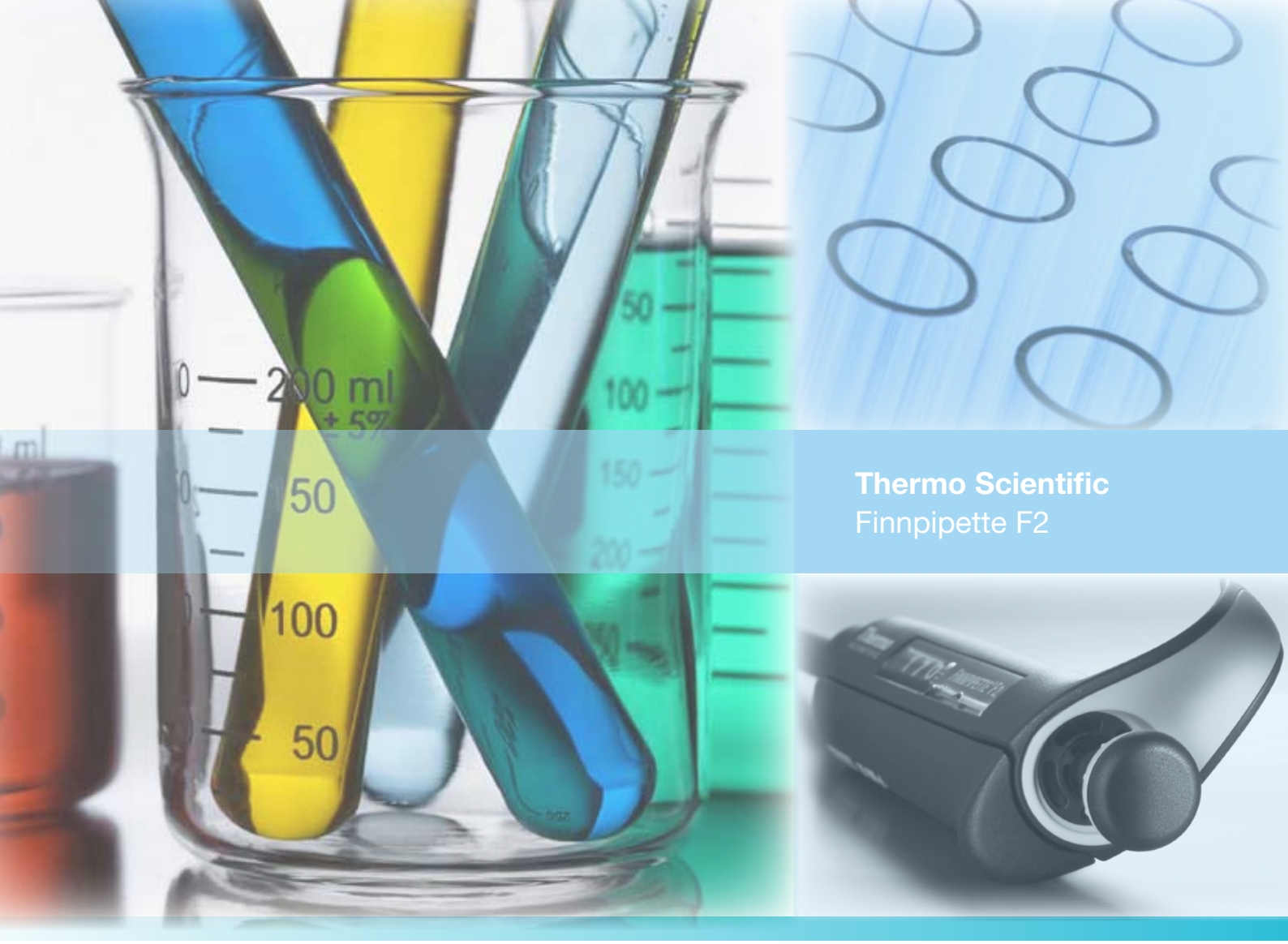


Thermo Scientific
Finnpipette F2

Champion of ergonomics, efficiency and endurance

• AVG improves accuracy and precision • Very light and smooth pipetting action • Fully autoclavable • 5 year warranty

Thermo SCIENTIFIC

The Thermo Scientific Finnpipette F2

Introducing the new Finnpipette® F2, a pipette that has all the right qualities – it has a light pipetting action, it's easy to use, and it's fully autoclavable. Add to this great accuracy and precision, and you know the Finnpipette F2 is a winner.

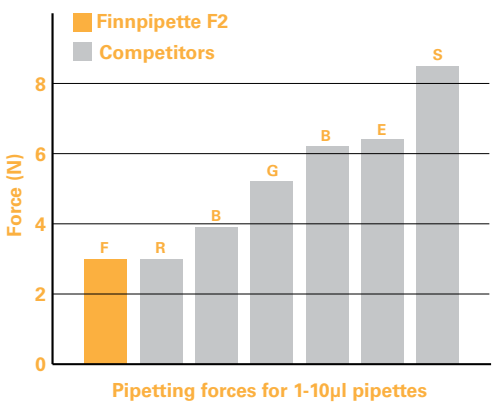
Advanced Volume Gearing (AVG)

As accuracy and precision are the most vital aspects of any pipette, we developed the Finnpipette F2 with a self-supporting modular volume adjustment mechanism. Because the AVG mechanism is separated from the pipette body, its accuracy and precision, as well as its durability, are significantly improved. In addition, to eliminate the possible effects of hand warmth on the accuracy of your measurements, the AVG mechanism is also thermally isolated from the pipette body.



Large Ergovisio Display

The Finnpipette F2 has a large, easy-to-read Ergovisio display that makes setting volumes clear and easy. Beside the large display is a convenient space for the user's personal identity tag to help ensure that pipettes do not get mixed up or lost in the laboratory.



Pipetting forces for 1-10µl pipettes

Light Pipetting Action

As always with Thermo Scientific Finnpipettes, the forces needed for pipetting have been minimized. The design of the Finnpipette F2 allows users to depress the pipetting button with just a small amount of effort, for a light, smooth and steady pipetting action. The light and steady movement enables better pipetting results over longer pipetting periods. In addition, the patented super blow-out feature ensures the delivery of micro-size drops. The super blow-out piston is incorporated into pipettes with volumes of 50 µl and below.



Double Action Pipetting Button

The Finnpipette F2 has a revolutionary double-action pipetting button with a rotating upper part, for easy and exceptionally light volume setting. An additional benefit is that the rotating upper part of the button moves independently of the volume setting mechanism. Double action pipetting button prevents accidental volume drift during pipetting.

Fully Autoclavable

To prevent cross contamination, the Finnpipette F2 is autoclavable at 121°C. The entire pipette can be autoclaved in one piece or in separate pieces in a sterilization bag. The pipette is constructed with materials that have a high resistance to reagents, UV-light and moisture.

Designed with you in mind

We designed the Finnpipette F2 taking the needs and wants of real pipette users into account. It offers superior comfort, performance, reliability and repeatability in one of the lightest pipettes available.



Double action pipetting button

Light volume adjustment

Light pipetting action

Color coding

Wide supportive finger rest

Soft-touch tip ejector

Advanced Volume Gearing mechanism for great accuracy and precision

Large Ergovisio display

Durable handle material

Entire pipette is autoclavable

Non-metallic construction for light weight

Super blow-out

Comfortable ergonomics

The supportive finger rest lets you hold the pipette at the ideal pipetting angle and lets your hand relax between pipetting cycles. As a result, it makes long periods of repetitive pipetting much more comfortable and less tiring, and reduces the risk of Repetitive Strain Injury (RSI). The tip ejector button is rounded to enable the most comfor table thumb position even with gloves on.

Soft Touch Tip Ejection

The force needed for tip ejection is minimized with our soft touch tip ejection mechanism. This innovative gearing mechanism doubles the ejection force, releasing the tips with just a gentle push.

Easy In-lab Service and Calibration

The Finnpipette F2 is very easy to service; simply open the pipette by removing the tip ejector by hand, and then use the handy maintenance tool to remove the tip cone. The same practical tool is used to adjust the pipette's calibration using the calibration nut located at the top of the pipette handle.

F2 for every application

To match the needs of every lab, the Finnpipette F2 is available in single channel and multichannel versions. The single channel pipettes are available as variable volume or fixed volume models.
Each Finnpipette F2 has convenient color coding for easier recognition of the suitable Finntip.

Thermo Scientific Finnpipette F2 Multichannels

The Finnpipette F2 multichannel pipettes are available in 8-, 12- for 96-well microplate applications and 16-channel models for 384-well microplate applications with a selection of volume ranges.

Complete pipetting systems

Thermo Scientific Finntip pipette tips combine with Finnpipette to form a complete, optimized pipetting system. Our selection of pipettetips covers everything you are likely to need, from standard pipette tips to extended, wide orifice, macro volume, and stepper tips.

Thermo Scientific Finntip Flex Pipette Tips

Finntip® Flex pipette tips are designed for full compatibility with their matching Finnpipette pipettes, providing a perfect sealing of the tip along with optimum pipetting accuracy and precision. The tips have been designed to meet the most demanding requirements for ergonomic and flexibility in today's fast-paced laboratories. The tips are flexible, soft and sophisticated tips for high-end products for discerning users.
Finntip Flex tips are available in a range of volumes covering 10µl to 10 ml tip, and come as standard racked tips, sterile tips and filter tips. 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 pipette for greater accuracy and precision.

Finntip Flex 10



Cat.No	Description	Quantity
94060100	Finntip Flex 10	10x96/rack
94060103	Finntip Flex 10 sterile*	10x96/rack
94060116	Finntip Flex 10 refill starter kit	1x96/rack + 20x96/refill
94060117	Finntip Flex 10 refill kit	20x96/refill
94060120	Finntip Flex 10	1000/bag
Color code: **Pink** Length: 3.3 cm		

Finntip Flex 200



Cat.No	Description	Quantity
94060310	Finntip Flex 200	10x96/rack
94060313	Finntip Flex 200 sterile*	10x96/rack
94060316	Finntip Flex 200 refill starter kit	1x96/rack + 20x96/refill
94060317	Finntip Flex 200 refill kit	20x96/refill
94060320	Finntip Flex 200	1000/bag
Color code: **Yellow** Length: 6.0 cm		

Finntip Flex 300

Cat.No	Description	Quantity
94060510	Finntip Flex 300	10x96/rack
94060513	Finntip Flex 300 sterile*	10x96/rack
94060516	Finntip Flex 300 refill starter kit	1x96/rack + 20x96/refill
94060517	Finntip Flex 300 refill kit	20x96/refill
94060520	Finntip Flex 300	1000/bag
Color code: **Orange** Length: 6.2 cm		

Finntip Flex 1000



Cat.No	Description	Quantity
94060710	Finntip Flex 1000	10x96/rack
94060713	Finntip Flex 1000 sterile*	10x96/rack
94060716	Finntip Flex 1000 refill starter kit	1x96/rack + 16x96/refill
94060717	Finntip Flex 1000 refill kit	16x96/refill
94060720	Finntip Flex 1000	1000/bag
Color code: **Blue** Length: 8.7 cm		

Finntip Flex 1200



Cat.No	Description	Quantity
94060810	Finntip Flex 1200	10x96/rack
94060813	Finntip Flex 1200 sterile*	10x96/rack
94060816	Finntip Flex 1200 refill starter kit	1x96/rack + 16x96/refill
94060817	Finntip Flex 1200 refill kit	16x96/refill
94060820	Finntip Flex 1200	1000/bag
Color code: **Turquoise** Length: 8.7 cm		

Finntip Flex 10 ml Extended



Cat.No	Description	Quantity
94060970	Flex 10 ml Ext.	100/bag
94060973	Flex 10 ml Ext. sterile	50/bag
Length: 26.7 cm		

Finntip Flex - Filter Pipette Tips



Cat.No	Description	Volume µl	Quantity
94056980	Flex Filter 10 sterile*	0.2-10	10x96/rack
94056510	Flex Filter 30 sterile*	1-30	10x96/rack
94056520	Flex Filter 100 sterile*	1-100	10x96/rack
94056380	Flex Filter 200 sterile*	1-200	10x96/rack
94056580	Flex Filter 300 sterile*	5-300	10x96/rack
94056710	Flex Filter 1000 sterile*	100-1000	10x96/rack
94056810	Flex Filter 1200 sterile*	50-1200	10x96/rack
94056970	Flex Filter 10 ml Ext. sterile	1-10 ml	50/bag

Finntip 5 ml



Cat.No	Description	Quantity
9402 050	Finntip 5 ml	75/box
9402 030	Finntip 5 ml	500/bag
9402 010	Finntip 5 ml	3000/bulk
9402 070	Finntip 5 ml	5x54/rack
9402 073	Finntip 5 ml sterile	5x54/rack
Color code: **Green** Length: 14.7 cm		

Finntip 10 ml



Cat.No	Description	Quantity
9402 150	Finntip 10 ml	40/box
9402 151	Finntip 10 ml	100/bag
9402 160	Finntip 10 ml	5x24/rack
9402 163	Finntip 10 ml sterile	5x24/rack
Color code: **Red** Length: 15.0 cm		

*Certified free of Endotoxin, DNA, DNase and RNase.

Finnpipette Stands

Cat. no.	Description	Quantity
9420400	Finnpipette F-stand (6 position stand)	1
9420390	Stand for multichannel pipette (for one pipette)	1



Finnpipette F2 GLP-kits

Cat.No	Description	Quantity
4700870	Finnpipette F2 GLP-kit1 (1-1000µl)	3
4700880	Finnpipette F2 GLP-kit1 (0.2-1000µl)	4
4700885	Finnpipette F2 GLP-kit1 (10-10000µl)	3
4701070	Finnpipette F2 GLP-kit1 (2-1000µl)	3

Finnpipette F2 Variable Volume Single Channel

Cat.no.	Range	Increment	Volume µl	Inaccuracy µl	%	Imprecision s.d.* µl	cv%	Color code	Finntip
4642010	0.2-2 µl	0.002 µl	2 1 0.2	±0.050 ±0.040 ±0.024	±2.50 ±4.00 ±12.00	0.040 0.035 0.020	2.00 3.50 10.00	Pink	Flex 10, 10, 20 micro, 50 micro
4642020	0.5-5 µl	0.01 µl	5 2.5 0.5	±0.075 ±0.063 ±0.030	±1.50 ±2.50 ±6.00	0.050 0.0375 0.025	1.00 1.50 5.00	Pink	Flex 10, 10, 20 micro, 50 micro
4642030	1-10 µl	0.02 µl	10 5 1	±0.100 ±0.075 ±0.025	±1.00 ±1.50 ±2.50	0.050 0.040 0.020	0.50 0.80 2.00	Pink	Flex 10, 10, 20 micro, 50 micro
4642040	1-10 µl	0.02 µl	10 5 1	±0.100 ±0.075 ±0.035	±1.00 ±1.50 ±3.50	0.080 0.040 0.030	0.80 0.80 3.00	Yellow	Flex 200, 250 Univ.
4642050	2-20 µl	0.02 µl	20 10 2	±0.20 ±0.15 ±0.06	±1.00 ±1.50 ±3.00	0.08 0.06 0.05	0.40 0.60 2.50	Turquoise	20 micro, 50 micro
4642060	2-20 µl	0.02 µl	20 10 2	±0.20 ±0.15 ±0.06	±1.00 ±1.50 ±3.00	0.08 0.06 0.05	0.40 0.60 2.50	Yellow	Flex 200, 250 Univ.
4642120	5-50 µl	0.1 µl	50 25 5	±0.30 ±0.25 ±0.15	±0.60 ±1.00 ±3.00	0.15 0.13 0.125	0.30 0.50 2.50	Turquoise	50
4642130	5-50 µl	0.1 µl	50 25 5	±0.30 ±0.25 ±0.15	±0.60 ±1.00 ±3.00	0.15 0.13 0.125	0.30 0.50 2.50	Yellow	Flex 200, 250 Univ., 300, 200 Ext.
4642070	10-100 µl	0.2 µl	100 50 10	±0.80 ±0.60 ±0.30	±0.80 ±1.20 ±3.00	0.20 0.20 0.10	0.20 0.40 1.00	Yellow	Flex 200, 250 Univ., 300, 200 Ext.
4642080	20-200 µl	0.2 µl	200 100 20	±1.2 ±1.0 ±0.36	±0.60 ±1.00 ±1.80	0.4 0.4 0.14	0.20 0.40 0.70	Yellow	Flex 200, 250 Univ., 300, 200 Ext.
4642090	100-1000 µl	1 µl	1000 500 100	±6.0 ±4.0 ±1.0	±0.60 ±0.80 ±1.00	2.0 1.5 0.6	0.20 0.40 0.60	Blue	Flex 1000, 1000, 1000 Ext.
4642100	0.5-5 ml	0.021ml	5000 2500 500	±25.0 ±17.5 ±10.0	±0.50 ±0.70 ±2.00	10.0 7.5 4.0	0.20 0.30 0.80	Green	5 ml
4642110	1-10 ml	0.02 ml	10000 5000 1000	±50.0 ±40.0 ±20.0	±0.50 ±0.80 ±2.00	20.0 15.0 8.0	0.20 0.30 0.80	Red	10 ml, Flex 10 ml Ext.



For information on our full product range the Thermo Scientific Finnpipette and Finntip Catalog is available from your nearest representative and can also be downloaded from: www.thermoscientific.com/liquidhandling

Finnpipette F2 Variable Volume Multichannel

Cat.no.	Channels	Range	Increment	Volume µl	Inaccuracy µl	%	Imprecision s.d.* µl	cv%	Color code	Finntip
4662000	8	1.0-10 µl	0.02 µl	10	±0.240	±2.40	0.160	1.60	Pink	Flex 10, 10, 20 micro, 50 micro
				5	±0.200	±4.00	0.150	3.00		
				1	±0.120	±12.00	0.080	8.00		
4662010	8	5-50 µl	0.1 µl	50	±0.75	±1.50	0.35	0.70	Yellow	Flex 200, 250 Univ., 200 Ext.
				25	±0.625	±2.50	0.30	1.20		
				5	±0.25	±5.00	0.10	2.00		
4662020	8	10-100 µl	0.2 µl	100	±1.30	±1.30	0.50	0.50	Yellow	Flex 200, 250 Univ., 200 Ext.
				50	±1.25	±2.50	0.60	1.20		
				10	±0.50	±5.00	0.20	2.00		
4662030	8	30-300 µl	1 µl	300	±3.0	±1.00	0.9	0.30	Orange	Flex 300, 300
				150	±2.25	±1.50	0.75	0.50		
				30	±1.5	±5.00	0.6	2.00		
4662040	12	1.0-10 µl	0.02 µl	10	±0.240	±2.40	0.160	1.60	Pink	Flex 10, 10, 20 micro, 50 micro
				5	±0.200	±4.00	0.150	3.00		
				1	±0.120	±12.00	0.080	8.00		
4662050	12	5-50 µl	0.1 µl	50	±0.75	±1.50	0.35	0.70	Yellow	Flex 200, 250 Univ., 200 Ext.
				25	±0.625	±2.50	0.30	1.20		
				5	±0.25	±5.00	0.10	2.00		
4662060	12	10-100 µl	0.2 µl	100	±1.30	±1.30	0.50	0.50	Yellow	Flex 200, 250 Univ., 200 Ext.
				50	±1.25	±2.50	0.60	1.20		
				10	±0.50	±5.00	0.20	2.00		
4662070	12	30-300 µl	1 µl	300	±3.0	±1.00	0.9	0.30	Orange	Flex 300, 300
				150	±2.25	±1.50	0.75	0.50		
				30	±1.5	±5.00	0.6	2.00		
4662080	16	1.0-10 µl	0.02 µl	10	±0.240	±2.40	0.160	1.60	Purple	20 micro, 50 micro
				5	±0.200	±4.00	0.150	3.00		
				1	±0.120	±12.00	0.080	8.00		
4662090	16	5-50 µl	0.1 µl	50	±0.75	±1.50	0.35	0.70	Turquoise	50 micro
				25	±0.625	±2.50	0.30	1.20		
				5	±0.25	±5.00	0.10	2.00		



Finnpipette F2 Fixed Volume Single Channel

Cat.no.	Volume µl	Inaccuracy µl	%	Imprecision s.d.* µl	cv%	Finntip
4652000	1	±0.040	±4.00	0.040	4.00	Flex 10, 10, 20 micro, 50 micro
4652010	5	±0.070	±1.40	0.070	1.40	Flex 10, 10, 20 micro, 50 micro
4652020	10	±0.090	±0.90	0.080	0.80	Flex 200, 150 Univ., 200 Ext.
4652130	20	±0.14	±0.70	0.10	0.50	Flex 200, 250 Univ., 200 Ext.
4652030	25	±0.15	±0.60	0.13	0.50	Flex 200, 250 Univ., 200 Ext.
4652040	50	±0.30	±0.60	0.20	0.40	Flex 200, 250 Univ., 200 Ext.
4652050	100	±0.40	±0.40	0.30	0.30	Flex 200, 150 Univ., 200 Ext.
4652140	200	±0.80	±0.40	0.60	0.30	Flex 200, 250 Univ., 200 Ext.
4652060	250	±1.0	±0.40	0.8	0.30	Flex 1000, 1000, 1000 Ext.
4652070	500	±1.5	±0.30	1.5	0.30	Flex 1000, 1000, 1000 Ext.
4652080	1000	±3.0	±0.30	3.0	0.30	Flex 1000, 1000, 1000 Ext.
4652090	2000	±6.0	±0.30	4.0	0.20	5 ml
4652100	3000	±9.0	±0.30	6.0	0.20	5 ml
4652110	5000	±15.0	±0.30	10.0	0.20	5 ml
4652120	10000	±30.0	±0.30	20.0	0.20	10 ml, Flex 10 ml Ext.

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

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