

Thermo Scientific Finnpipette® F3



Spot the Accuracy and Precision

Thermo Scientific Finnpiquette F3

Our customers expressed a need for an innovative pipette corresponding to their high standards of accuracy and precision. As a result, we developed the new Finnpiquette F3.

Advanced Volume Gearing (AVG)

We equipped Finnpiquette F3 with a self-supportive modular volume adjustment mechanism enhancing both accuracy and precision of the instrument. The advanced precision click volume adjustment enables up to 50 clicks per revolution.

Additionally, we separated the mechanism from the pipette hull, which considerably increases its durability. To eliminate possible effects of hand warmth, we isolated the adjustment mechanism thermally from the pipette hull

Large and Clear Ergovisio

In order to provide the users with an easy volume recognition, we chose to improve the vision comfort by providing Finnpiquette F3 with a sizeable black and white display with large digits.

We added a fine adjustment ruler to enhance the superior precision and accuracy of the pipette.

Comfortable Pipetting

We are familiar with the conditions in which the users employ pipettes. Consequently, we focused on ergonomics and designed the Finnpiquette F3 handle using extensive

testing and research to increase user comfort and to prevent the occurrence of RSI symptoms. We included an improved supportive finger rest allowing the user to relax the hand between pipetting periods.

Double-Action Pipetting Button

We introduced a revolutionary double-action pipetting hat with a rotating upper part enabling a smooth and steady pipetting action, simultaneously preventing any accidental volume alterations. In addition, the lower volume adjustment wheel remains light to control and offers an excellent grip.

In Finnpiquette F3 we combined form and function to meet the needs of our customers willing to bring accuracy to another level.

Easy In-lab Service and Calibration

The Finnpiquette F3 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.

Excellence in Form and Function

Adjustment wheel
for light and precise
volume adjustment

**Wide colour coded sup-
portive finger rest** for
identification supportive
and ergonomics

Designed handle softly
contouring the shape of hand

Large Ergovisio Display
for better vision ergonomics
and easier volume recognition

Durable handle material
resisting UV-light as
well as reagents and
moisture

**Autoclavable tip
cone and tip ejector**
for better assay
protection

Rotating push button hat
for securing adjusted volume

**Advanced volume
gearing mechanism**
for enhanced precision
and accuracy

ID tag for easy user
identification

Fine adjustment ruler for
tuning the last digit for
superior precision and
accuracy

**Smooth round-shaped
tip ejector** allowing a
safe to use with gloves

Removable tip ejector
for better service

Super blow-out

Compatible with most
common tip models



Variable volumes **

Cat. No	Description	Volume	Inacc µl	Inacc %	Imprec s.d.* µl	CV %	Color Code	Finntip
4640000	Finnpipette F3 1-10µl Micro	10	±0,10	±1,0	0,05	0,5	Pink	10, Flex 10
		5	±0,10	±2,0	0,05	1,0		
		1	±0,025	±2,5	0,02	2,0		
4640010	Finnpipette F3 1-10µl Univ.	10	±0,10	±1,0	0,08	0,8	Yellow	250 Universal, 200 Ext, Flex 300
		5	±0,10	±2,0	0,065	1,3		
		1	±0,035	±3,5	0,03	3,0		
4640020	Finnpipette F3 2-20µl Micro	20	±0,20	±1,0	0,08	0,4	Turquoise	50
		10	±0,15	±1,5	0,07	0,7		
		2	±0,06	±3,0	0,05	2,5		
4640030	Finnpipette F3 2-20µl Univ.	20	±0,20	±1,0	0,08	0,4	Yellow	250 Universal, 200 Ext, Flex 300
		10	±0,15	±1,5	0,07	0,7		
		2	±0,06	±3,0	0,05	2,5		
4640080	Finnpipette F3 5-50µl Micro	50	±0,30	±0,60	0,15	0,30	turquoise	50
		25	±0,25	±1,00	0,13	0,50		
		5	±0,15	±3,00	0,125	2,50		
4640090	Finnpipette F3 5-50µl Univ.	50	±0,30	±0,60	0,15	0,30	yellow	250 Univ.
		25	±0,25	±1,00	0,13	0,50		
		5	±0,15	±3,00	0,125	2,50		
4640040	Finnpipette F3 10-100µl	100	±0,80	±0,8	0,20	0,2	Yellow	250 Universal, 200 Ext, Flex 300
		50	±0,60	±1,2	0,20	0,4		
		10	±0,30	±3,0	0,10	1,0		
4640050	Finnpipette F3 20-200µl	200	±1,20	±0,6	0,60	0,3	Yellow	250 Universal, 200 Ext, Flex 300
		100	±1,00	±1,0	0,50	0,5		
		20	±0,60	±3,0	0,30	1,5		
4640060	Finnpipette F3 100-1000µl	1000	±5,00	±0,5	2,00	0,2	Blue	1000, Flex 1000
		500	±5,00	±1,0	2,00	0,4		
		100	±1,50	±1,5	0,60	0,6		
4640070	Finnpipette F3 1-10ml	10000	±50,00	±0,5	20,00	0,2	Red	10ml , Flex 10ml Ext
		5000	±40,00	±0,8	15,00	0,3		
		1000	±20,00	±2,0	8,00	0,8		

*s.d. = Standard Deviation, CV = Coefficient of Variation **Factory calibration limits

Fixed volumes **

Cat. No	Description	Volume	Inacc µl	Inacc %	Imprec s.d.* µl	CV %	Finntip
4650000	Finnpipette F3 Fixed Volume 1µl Micro	1	±0,04	±4,0	0,04	4,0	10, Flex 10
4650010	Finnpipette F3 Fixed Volume 5µl Micro	5	±0,07	±1,4	0,07	1,4	10, Flex 10
4650020	Finnpipette F3 Fixed Volume 10µl	10	±0,09	±0,9	0,08	0,8	250 Univ, 200 Ext, Flex 300
4650030	Finnpipette F3 Fixed Volume 25µl	25	±0,15	±0,6	0,13	0,5	250 Univ, 200 Ext, Flex 300
4650040	Finnpipette F3 Fixed Volume 50µl	50	±0,30	±0,6	0,20	0,4	250 Univ, 200 Ext, Flex 300
4650050	Finnpipette F3 Fixed Volume 100µl	100	±0,40	±0,4	0,30	0,3	250 Univ, 200 Ext, Flex 300
4650060	Finnpipette F3 Fixed Volume 250µl	250	±1,00	±0,4	0,80	0,3	1000, Flex 1000
4650070	Finnpipette F3 Fixed Volume 500µl	500	±1,50	±0,3	1,50	0,3	1000, Flex 1000
4650080	Finnpipette F3 Fixed Volume 1000µl	1000	±3,00	±0,3	3,00	0,3	1000, Flex 1000

*s.d. = Standard Deviation, CV = Coefficient of Variation **Factory calibration limits

Pipette Stand

Cat. No	Description	Quantity
9420400	Finnpipette F-stand (6 position stand)	1



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