

# 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 Display

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.

## Light Pipetting Action

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 Hat

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.

## Excellence in Form and Function

**Adjustment wheel**  
for light and precise  
volume adjustment

**Colour coded supportive  
finger rest** for identifi-  
cation supportive and  
ergonomics

**Designed handle** softly  
contouring the shape of hand

**Enhanced display resolution**  
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

**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 Universal	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 Universal	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		
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	±1,2	±0,6	0,6	0,3	Yellow	250 Universal, 200 Ext, Flex 300
		100	±1,00	±1,0	0,50	0,5		
		20	±0,6	±3,0	0,3	1,5		
4640060	Finnpipette F3 100-1000µl	1000	±5,0	±0,5	2,0	0,2	Blue	1000, Flex 1000
		500	±5,00	±1,0	2,00	0,4		
		100	±1,5	±1,5	0,6	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 %	Color Code	Finntip
4650000	Finnpipette F3 Fixed Volume 1µl Micro	1	±0,04	±4,0	0,04	4,0	Pink	10, Flex 10
4650010	Finnpipette F3 Fixed Volume 5µl Micro	5	±0,07	±1,4	0,07	1,4	Pink	10, Flex 10
4650020	Finnpipette F3 Fixed Volume 10µl	10	±0,09	±0,9	0,08	0,8	Yellow	250 Univ, 200 Ext, Flex 300
4650030	Finnpipette F3 Fixed Volume 25µl	25	±0,15	±0,6	0,13	0,5	Yellow	250 Univ, 200 Ext, Flex 300
4650040	Finnpipette F3 Fixed Volume 50µl	50	±0,3	±0,6	0,2	0,4	Yellow	250 Univ, 200 Ext, Flex 300
4650050	Finnpipette F3 Fixed Volume 100µl	100	±0,4	±0,4	0,3	0,3	Yellow	250 Univ, 200 Ext, Flex 300
4650060	Finnpipette F3 Fixed Volume 250µl	250	±1,0	±0,4	0,8	0,3	Blue	1000, Flex 1000
4650070	Finnpipette F3 Fixed Volume 500µl	500	±1,5	±0,3	1,5	0,3	Blue	1000, Flex 1000
4650080	Finnpipette F3 Fixed Volume 1000µl	1000	±3,0	±0,3	3,0	0,3	Blue	1000, Flex 1000

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

[www.thermo.com/finnpipette](http://www.thermo.com/finnpipette)

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