

Thermo Scientific Finnpiquette Novus



Multilingual graphical user interface

Large backlit display

Color coded buttons

Soft-touch tip ejection

Easy in-lab calibration

Color coded ring

Autoclavable tip cone

Super blow-out in small volume models

10 pipetting options

Long lasting battery

Light and fast scrolling button

Light trigger action

Adjustable finger rest

Separate tip ejector button

Extremely light weight

Easy in-lab service

- New multilingual graphical user interface
- New backlit graphical display
- Great balance
- Easy to use
- Function for every pipetting application
- Variable speed to suit different reagents
- Natural index finger operation
- Industry-leading 2-year warranty with web registration



Thermo Scientific Finnpiquette Novus

- A new standard of ergonomic pipetting

Easy to Use

The new Finnpiquette Novus is so user-friendly that you'll learn how to use it in only a few minutes. With the intuitive instantly familiar menu and simple button layout, you can choose all the pipetting functions you need quickly and easily. The large, clear backlit display is easy to read and shows the full names of all functions. The easily accessible two level menu offers 10 different pipetting functions and 9 pipetting speeds for pipetting applications.

Adjustable finger rest and trigger action pipetting

The adjustable finger rest ensures the most efficient pipetting position and takes the load off your hands. You can adjust the finger rest over 120°, to fit your hand exactly. It enables the optimum pipetting position for both left and right hand users and lets the pipette rest comfortably in hand. The unique design leaves your index finger free to control pipetting with minimum effort, using the trigger action pipetting button.

Comfortable to hold

The ergonomic Finnpiquette Novus uses state-of-the-art materials to make it robust yet lightweight and takes account of each part of your hand and your pipetting motion. The solid shaped and perfectly balanced handle fits comfortably and securely in your hand and helps keep the wrist at the correct angle to gain optimum pipetting results. Together with the finger rest, pipetting stress and exertion are kept to a minimum.

Lightweight

The Finnpiquette Novus is the lightest electronic pipette on the market. Its advanced lightweight construction helps to prevent upper body stress and strain, letting you work longer without fatigue.

Soft-touch tip ejector

Finnpiquette Novus has a very low tip ejection force that minimizes strain on your thumb. The patented soft touch tip ejection mechanism has an improved ergonomic design, which makes both left and right handed tip ejection efficient, comfortable, and incredibly easy.

Programmable and Powerful

Finnpiquette Novus has a two level menu for simple control. This is extremely easy-to-use thanks to its fully graphical text display. The instantly familiar text-guided graphical user interface and simple button layout lets you choose all the pipetting functions you need quickly and easily, such as forward, reverse, diluting and stepper pipetting. The easily accessible second level menu features advanced

functions, such as mixing and sequential stepping, and has 9 program slots. For each program it is easy to store one of the 10 pipetting functions and 9 pipetting speeds. This programmability enables fast and efficient pipetting for every task. The Finnpiquette Novus can also be programmed for use with the Finntip Pocket. Special tips have a molded pocket inside them to allow transfer of compounds suspended in DMSO into an assay, which makes it possible to dispense nanoliter volumes.

- Dispensing with index finger
- Optimum pipetting position
- Minimum stress and exertion
- Lightweight
- Solid shaped handle

The finger rest is adjustable 120°



Familiar text-guided graphical user interface

NEW Multilingual graphical user interface

Finnpipette Novus range, now offering the graphical interface in six languages: English, French, German, Italian, Spanish and Swedish. Finnpipette Novus has a two level intuitive menu for simple control, and this is extremely easy to use thanks to its fully graphical text display. The availability of these six languages reduces the chances of user errors for non-native English speakers. The instantly familiar text guided graphical user interface and simple button layout let you select all the pipetting functions and the desired language you need quickly and easily. Novus has built-in 9 memory slots for convenient every day operations. To each slot you are able to store one of the ten pipetting programs with your own individual settings.

NEW Backlit display

The Finnpipette Novus is the first electronic pipette in the world to have a backlit display feature, which uses similar backlight technology to that of mobile phones. By eliminating surrounding light reflections and improving contrast in low light conditions such as safety cabinets and fume hoods, the integral backlit display ensures that the high-resolution menu characters are shown with more clarity than ever before. The addition of the backlight feature, together with the market-leading two year warranty for all electronic pipettes, means that the Finnpipette Novus range is now even more user friendly, improving productivity, precision, ergonomic operation and peace-of-mind.



The intuitive menu makes all the most commonly used functions, such as PIPETTE, easily available. Selecting PROGRAM accesses 9 different user memory slots, which are available for storing your own combinations of the 10 different pipetting functions.



Finnpipette Novus range is the first electronic pipette which has its graphical interface in six languages: English, French, German, Italian, Spanish and Swedish.



The STEPPER function enables you to repeatedly dispense the volume you choose over a selected number of repetitions. This function is mainly used in routine applications where efficient and high speed pipetting is needed.



Forward pipetting is the most regularly used function and you can select the pipetting volume easily by pressing the scroll key.

- Fully graphical user interface
- Intuitively familiar menu
- Simple button lay-out
- Backlit display



Thermo Scientific Finnpiquette Novus specifications

Finnpiquette Novus specifications**

Order no.	Range	Increment	Volume µl	Inaccuracy		Imprecision		Color code	Finntip
				µl	%	s.d.*µl	CV%*		
46200000	1-10 µl	0.01 µl	10	±0.10	±1.0	0.05	0.5	pink	10, Flex 10
			1	±0.035	±3.5	0.03	3.0		
46200100	1-10 µl	0.01 µl	10	±0.10	±1.0	0.05	0.5	yellow	250 Univ., 200 Ext.
			1	±0.070	±7.0	0.06	6.0		
46200200	5-50 µl	0.1 µl	50	±0.40	±0.8	0.15	0.3	turquoise	50
			5	±0.15	±3.0	0.125	2.5		
46200300	5-50 µl	0.1 µl	50	±0.40	±0.8	0.15	0.3	yellow	250 Univ., 200 Ext.
			5	±0.15	±3.0	0.125	2.5		
46200400	10-100 µl	0.1 µl	100	±0.80	±0.8	0.20	0.2	yellow	250 Univ., 200 Ext.
			10	±0.30	±3.0	0.10	1.0		
46200500	30-300 µl	1 µl	300	±1.8	±0.6	0.6	0.2	orange	300, Flex 300
			30	±0.90	±3.0	0.21	0.7		
46200600	100-1000 µl	1 µl	1000	±6.0	±0.6	2.0	0.2	blue	1000, 1000 Ext. Flex 1000
			100	±3.0	±3.0	0.6	0.6		
46200700	0.5-5 ml	0.01 ml	5000	±30.0	±0.6	10.0	0.2	green	5 ml
			500	±15.0	±3.0	4.0	0.8		
46200800	1-10 ml	0.01 ml	10000	±60.0	±0.6	20.0	0.2	red	10 ml, Flex 10 ml Ext.
			1000	±30.0	±3.0	8.0	0.8		

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

Finnpiquette Novus Multichannel specifications**

Order no.	Channels	Range	Increment	Volume µl	Inaccuracy		Imprecision		Color code	Finntip
					µl	%	s.d.*µl	CV%*		
46300000	8	1-10 µl	0.1 µl	10	±0.24	±2.4	0.16	1.6	pink	10, 50, Flex 10
				1	±0.12	±12.0	0.08	8.0		
46300100	12	1-10 µl	0.1 µl	10	±0.24	±2.4	0.16	1.6	pink	10, 50, Flex 10
				1	±0.12	±12.0	0.08	8.0		
46300200	8	5-50 µl	0.1 µl	50	±0.75	±1.5	0.35	0.7	yellow	250
				5	±0.25	±5.0	0.10	2.0		
46300300	12	5-50 µl	0.1 µl	50	±0.75	±1.5	0.35	0.7	yellow	250
				5	±0.25	±5.0	0.10	2.0		
46300400	8	30-300 µl	1 µl	300	±3.0	±1.0	0.9	0.3	orange	300, Flex 300
				30	±0.30	±3.0	0.10	1.0		
46300500	12	30-300 µl	1 µl	300	±3.0	±1.0	0.9	0.3	orange	300, Flex 300
				30	±0.30	±3.0	0.10	1.0		
46300700	16	5-50 µl	0.5 µl	50	±0.75	±1.5	0.35	0.7	turquoise	50
				5	±0.25	±5.0	0.10	2.0		
46300800	8	100-1200 µl	1 µl	1200	±12.00	±1.0	2.40	0.2	turquoise	Flex 1200
				100	±3.00	±3.0	0.90	0.9		

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