



Mi-Pette & Mi-Pette-LTS

A New Generation of Colorful, Fully Autoclavable Adjustable Pipettes

The Mi-Pette series features a lightweight, ergonomic design that provides a comfortable grip, ideal for long-term and high-frequency pipetting. The entire body is fully autoclavable and supports UV disinfection, ensuring easy maintenance and reliable daily use. Its high-precision volume adjustment mechanism delivers excellent accuracy and repeatability, while the LTS version further reduces the force required for tip loading and ejection, making every pipetting action easier, faster, and more consistent.

Mi-Pette-LTS

New Generation Colorful Fully Autoclavable Adjustable Pipette (Single-channel, 8-channel & 12-channel)

NEW

Advantage

- **Less effort:**

LTS tips are easy to load and eject, achieving a secure seal without tapping, which reduces hand fatigue.

- **Easier to use:**

The structural design allows smooth operation even during high-frequency pipetting, improving overall efficiency.

- **More consistent:**

The front stop design ensures one-step sealing for all channels, resulting in more consistent volumes across multi-channel pipetting.

- **More efficient:**

When used with the Mi-Pette-LTS multichannel pipette, LTS tips enable fast loading and pipetting, ensuring more stable and repeatable results.

- **More intuitive:**

Thin-wall tips provide a clear sealing position, allowing quick, damage-free loading for both the tips and the instrument.



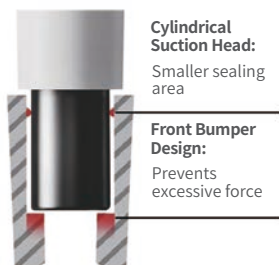
Mi-Pette Tip system

High tip ejection force



Mi-Pette-LTS Tip system

Low tip ejection force



Mi-Pette

New Generation Colorful Fully Autoclavable Adjustable Pipette (Single-channel, 8-channel & 12-channel)



NEW

Features

- **Ergonomic Design:** Comfortable grip for easy liquid handling, reducing repetitive strain injuries (RSI) in the hands.
- **Color-Coded Identification:** The colored cap design provides a wide range of models, making it easy to distinguish between different volumes.
- **RFID Wireless Functionality:** Data chip reading function (customizable).
- **Density Adjustment Function:** Allows for more accurate pipetting when handling complex liquid samples through density adjustment.
- **Autoclavable:** Made from advanced materials, the pipette can be sterilized through high-temperature and high-pressure autoclaving, or UV sterilization, and is easy to disassemble for simple maintenance.
- **Replaceable labels:** Support personalized identification for easy pipette ownership management and quick recognition.
- **Rotatable push button cap design:** Effectively prevents accidental touches, avoiding unintended volume changes during operation.
- **Fine volume adjustment design:** A micro scale is provided after the displayed digits, with a pointer indicating the dispensing volume. Users can perform fine adjustments according to the pointer, achieving both coarse and fine tuning.

Single-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
μL	μL	μL	μL	%	μL	%
0.1-2.5	0.002	2.5	± 0.06	± 2.5	± 0.05	± 2.0
		1.25	± 0.06	± 5.0	± 0.05	± 4.0
		0.25	± 0.06	± 25	± 0.05	± 20
0.5-10	0.01	10	± 0.12	± 1.2	± 0.08	± 0.8
		5	± 0.12	± 2.4	± 0.08	± 1.6
		1	± 0.12	± 12	± 0.08	± 8.0
2-20	0.02	20	± 0.2	± 1.0	± 0.1	± 0.5
		10	± 0.2	± 2.0	± 0.1	± 1.0
		2	± 0.2	± 10	± 0.1	± 5.0
5-50	0.05	50	± 0.5	± 1.0	± 0.25	± 0.5
		25	± 0.5	± 2.0	± 0.25	± 1.0
		5	± 0.5	± 10	± 0.25	± 5.0
10-100	0.1	100	± 0.8	± 0.8	± 0.3	± 0.3
		50	± 0.8	± 1.6	± 0.3	± 0.6
		10	± 0.8	± 8.0	± 0.3	± 3.0
20-200	0.2	200	± 1.6	± 0.8	0.6	± 0.3
		100	± 1.6	± 1.6	0.6	± 0.6
		20	± 1.6	± 8.0	0.6	± 3.0
100-1000	1	1000	± 8	± 0.8	± 3	± 0.3
		500	± 8	± 1.6	± 3	± 0.6
		100	± 8	± 8.0	± 3	± 3.0
500-5000	5	5000	± 40	± 0.8	± 15	± 0.3
		2500	± 40	± 1.6	± 15	± 0.6
		500	± 40	± 8.0	± 15	± 3.0
1000-10000	10	10000	± 60	± 0.6	± 30	± 0.3
		5000	± 60	± 1.2	± 30	± 0.6
		1000	± 60	± 6.0	± 30	± 3.0

8-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
μL	μL	μL	μL	%	μL	%
0.5-10	0.01	10	± 0.24	± 2.4	± 0.16	± 1.6
		5	± 0.24	± 4.8	± 0.16	± 3.2
		1	± 0.24	± 24	± 0.16	± 16
5-50	0.05	50	± 1	± 2.0	± 0.4	± 0.8
		25	± 1	± 4.0	± 0.4	± 1.6
		5	± 1	± 20	± 0.4	± 8.0
10-100	0.1	100	± 1.6	± 1.6	± 0.6	± 0.6
		50	± 1.6	± 3.2	± 0.6	± 1.2
		10	± 1.6	± 16	± 0.6	± 6.0
30-300	0.2	300	± 4.8	± 1.6	± 1.8	± 0.6
		150	± 4.8	± 3.2	± 1.8	± 1.2
		30	± 4.8	± 16	± 1.8	± 6.0

12-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
μL	μL	μL	μL	%	μL	%
0.5-10	0.01	10	± 0.24	± 2.4	± 0.16	± 1.6
		5	± 0.24	± 4.8	± 0.16	± 3.2
		1	± 0.24	± 24	± 0.16	± 16
5-50	0.05	50	± 1	± 2.0	± 0.4	± 0.8
		25	± 1	± 4.0	± 0.4	± 1.6
		5	± 1	± 20	± 0.4	± 8.0
10-100	0.1	100	± 1.6	± 1.6	± 0.6	± 0.6
		50	± 1.6	± 3.2	± 0.6	± 1.2
		10	± 1.6	± 16	± 0.6	± 6.0
30-300	0.2	300	± 4.8	± 1.6	± 1.8	± 0.6
		150	± 4.8	± 3.2	± 1.8	± 1.2
		30	± 4.8	± 16	± 1.8	± 6.0