



Single Channel Micropipettes

- **Semi Autoclavable**
 - Fixed Volume
 - Variable Volume

- **Fully Autoclavable**
 - Fixed Volume
 - Variable Volume



Semi Autoclavable



Fully Autoclavable

Fixed Volume Micropipettes

With Autoclavable tip cone

- Fixed volume pipettes are available in all capacities from 0.5 μl to 10000 μl (10 ml).
- Call our customer service for any custom-made Fixed Volume Micropipette.
- Low cost and very high accuracy.
- Ideal for Clinical diagnostics, Routine tests, Control analysis etc.



Fixed Volume

Ordering Information and Specifications

Model	Vol.	Accuracy		Precision	
		$\pm\%$	$\pm\mu\text{l}$	$\pm\%$	$\pm\mu\text{l}$
FV - 1	1.0	2.5	0.025	1.8	0.018
FV - 2	2.0	2.5	0.04	1.2	0.024
FV - 5	5.0	1.5	0.075	0.8	0.04
FV - 10	10.0	1.0	0.1	0.5	0.05
FV - 20	20.0	0.5	0.1	0.3	0.06
FV - 25	25.0	0.5	0.125	0.3	0.075
FV - 50	50.0	0.3	0.15	0.3	0.15
FV - 100	100.0	0.3	0.3	0.2	0.2
FV - 200	200.0	0.3	0.6	0.2	0.4
FV - 250	250.0	0.3	0.75	0.2	0.5
FV - 500	500.0	0.3	1.5	0.2	1.0
FV - 1000	1000.0	0.3	3.0	0.2	2.0
FV - 2000	2000.0	0.3	6.0	0.2	4.0
FV - 5000	5000.0	0.3	15.0	0.2	10.0
FV - 10000	10000.0	0.3	30.0	0.2	20.0

Fully Autoclavable Micropipette

• Fixed Volume

In order to keep pace with the rapid progress made in research sector, in recent years.

MICROLIT has made one logical step further and proudly presents the new, fully autoclavable micropipette series for today's sophisticated user in the field of Molecular biology, Microbiology, Immunology, Cell culture, Analytical Chemistry, Biochemistry, Genetics etc.



Fixed Volume

Features

- Constructed of fully autoclavable plastic and combined with stainless steel piston for many years of dependable service.
- Individually Calibrate as per procedure laid down in ISO 8655 Standards; a calibration report is included with each pipette.
- Micropipettes (available in both adjustable and fixed volume types)
- Nine volume ranges in the adjustable volume type cover the complete pipette range from 0.2 μ l to 10ml offering a wide choice to choose the most suited model for your application.
- New body design provide improved ergonomcy for more comfort and less fatigue during operation.
- User adjustment (re-calibration) can be performed easily.
- Easy volume adjustment by turning the plunger even when wearing the gloves, plunger does not snag gloves.
- Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tube.
- Accuracy and Precision volume provided are better than those laid down in the ISO 8655 Standards.

Ordering Information and Specifications

• Fixed Volume

Fully Autoclavable Fixed	Volume μ l	Inaccuracy (%)	C.V(%)
Model FAF Capacity Required (To order for 50 Fully Autoclavable Fixed Volume Pipettes, write FAF - 50 and Indicate quantity)	1.0	± 2.5	≤ 1.8
	2.0	± 2.0	≤ 1.2
	5.0	± 1.5	≤ 0.8
	10.0	± 1.0	≤ 0.5
	15.0	± 1.0	≤ 0.5
	20.0-40.0	± 0.5	≤ 0.3
	50.0-90.0	± 0.3	≤ 0.3
	100.0-10000.0	± 0.3	≤ 0.2

Adjustable Volume Micropipettes

With Autoclavable tip cone

Models

- WVCS -10 (0.5 -10 μ l) [Ultra Low Volume]
- WVCS -20 (2 -20 μ l)
- WVCS -50 (5 -50 μ l)
- WVCS -100 (20 -100 μ l)
- WVCS -200 (40 -200 μ l)
- WVCS -1000 (200 -1000 μ l)
- WVCS -5000 (1 -5 ml) [High Volume]
- WVCS -10000 (2 -10 ml) [High volume]

Following Extended Volume ranges are also available on request.

- WVCS 100 EX (10-100 μ l)
- WVCS 200 EX (20-200 μ l)
- WVCS 1000 EX (100-1000 μ l)



Variable Volume

- Eight volume ranges from 0.5 μ l to 10000 μ l let you select the right pipette for your application.
- Easy volume setting by simply turning the plunger. Does not snag gloves.
- Click stop digital system -click sound at each increment during volume setting ensures no unwanted volume alterations during pipetting.
- Separate, streamlined tip ejector designed for access to narrow necked containers and tubes.
- Easy to calibrate and service.
- Autoclavable tip cone and lower section assembly.
- Ergonomy, light weight and soft plunger movement provides added comforts and minimizes hand fatigue.
- Two step plunger operation allows "reverse pipetting technique" during pipetting from the same tip.
- While dealing with detergent solutions. This also facilitates last drop dispensing.
- High accuracy and precision guaranteed. Specifications conform to ISO 8655 Standards.

Ordering Information and Specifications

Model	Vol. Range	Increment	Vol.	Accuracy		Precision	
				$\pm\%$	$\pm\mu$ l	%	μ l
WVCS - 10	0.5-10 μ l	0.1	0.5	5.0	0.025	2.8	0.14
			5.0	1.5	0.075	0.8	0.04
			10.0	1.0	0.1	0.4	0.04
WVCS - 20	2-20 μ l	0.1	2.0	5.0	0.1	1.5	0.03
			10.0	1.0	0.1	0.6	0.06
			20.0	1.0	0.2	0.3	0.06
WVCS - 50	5-50 μ l	1.0	5.0	2.5	0.125	1.5	0.075
			25.0	0.7	0.175	0.3	0.075
			50.0	0.7	0.35	0.3	0.15
WVCS - 100	20 -100 μ l	1.0	20.0	2.5	0.25	0.7	0.07
			50.0	0.8	0.4	0.15	0.15
			100.0	0.8	0.8	0.15	0.15
WVCS - 200	40 -200 μ l	1.0	40.0	2.5	0.5	0.7	0.14
			100.0	1.0	1.0	0.3	0.3
			200.0	0.6	1.2	0.2	0.2
WVCS - 1000	200-1000 μ l	10.0	200.0	1.6	1.6	0.3	0.3
			500.0	0.6	3.0	0.2	1.0
			1000.0	0.5	5.0	0.2	2.0
WVCS - 5000	1-5 ml	100.0	1000.0	1.5	7.5	0.3	1.5
			2500.0	0.6	15.0	0.2	5.0
			5000.0	0.6	30.0	0.2	10.0
WVCS - 10000	2-10 ml	100.0	2000.0	1.5	15.0	0.3	3.0
			5000.0	0.6	30.0	0.2	15.0
			10000.0	0.6	60.0	0.2	30.0

Fully Autoclavable Micropipette

• Variable Volume

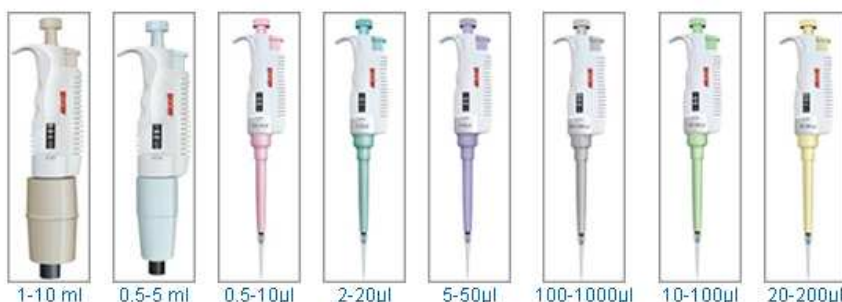
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Variable Volume



Ordering Information and Specifications

• Variable Volume

Model	Vol. Range	Increment	Vol.	Accuracy		Precision	
				±%	± μ l	%	μ l
FAA - 2	0.2 - 2.0 μ l	0.01	0.2	12.0	0.024	6.0	0.012
			1.0	2.5	0.025	1.5	0.015
			2.0	1.5	0.03	0.7	0.014
FAA - 10	0.5 - 10 μ l	0.1	0.5	5.0	0.025	2.8	0.14
			5.0	1.5	0.075	0.8	0.04
			10.0	1.0	0.1	0.4	0.04
FAA - 20	2 - 20 μ l	0.1	2.0	5.0	0.1	1.5	0.03
			10.0	1.0	0.1	0.6	0.06
			20.0	1.0	0.2	0.3	0.06
FAA - 50	5 - 50 μ l	1.0	5.0	2.5	0.125	1.5	0.075
			25.0	0.7	0.175	0.3	0.075
			50.0	0.7	0.35	0.3	0.15
FAA - 100	10 - 100 μ l	1.0	10.0	2.5	0.25	0.7	0.07
			50.0	0.8	0.4	0.15	0.15
			100.0	0.8	0.8	0.15	0.15
FAA - 200	20 - 200 μ l	1.0	20.	2.5	0.5	0.7	0.14
			100.0	1.0	1.0	0.3	0.3
			200.0	0.6	1.2	0.2	0.2
FAA - 1000	100 - 1000 μ l	10.0	100.0	1.6	1.6	0.3	0.3
			500.	0.6	3.0	0.2	1.0
			1000.0	0.5	5.0	0.2	2.0
FAA - 5000	0.5 - 5 ml	100.0	500.0	1.5	7.5	0.3	1.5
			2500.0	0.6	15.0	0.2	5.0
			5000.0	0.6	30.0	0.2	10.0
FAA - 10000	1 - 10 ml	100.0	1000.0	1.5	15.0	0.3	3.0
			5000.0	0.6	30.0	0.2	15.0
			10000.0	0.6	60.0	0.2	30.0