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ANALYTICAL EXCELLENCE...

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**MicroPette Plus Autoclavable Pipette**

Fully Autoclavable: The MicroPette plus pipettes can be fully autoclaved at 121°C, 1 atm for 20 minutes. After autoclaving the pipette must be cooled down and dried over 12 hours.

**FEATURES: MICROPETTE PLUS**

- Fully Autoclavable
- Light weight, ergonomic, low force design
- Digital display
- Volume range of 0.1µl to 10ml
- Easy to calibrate and maintain
- Design helps avoid repetitive strain injuries
- Manufactured from innovative materials



**FEATURES: MULTI-CHANNEL MICROPETTE PLUS PIPETTE**

- 8 and 12 channel pipettes are available for standard 96-well plates
- Individual piston and tip cone assemblies allow for easy repair and maintenance
- Compound material tip cone design allows visual seal verification
- Universal pipette tips can be used
- Dispensing head rotates for optimum pipetting convenience



**MODEL SPECIFICATIONS:**

Single-channel Adjustable Volume Pipettes							
Model No	Volume Range	Increment	Test Volume (μl)	Maximum Permissible Systematic error		Maximum Permissible Random error	
				%	μl	%	μl
MP2.5A	0.1-2.5μl	0.05μl	2.5	2.50%	0.0625	2.00%	0.05
			1.25	3.00%	0.0375	3.00%	0.0375
			0.25	12.00%	0.03	6.00%	0.015
MP10A	0.5-10μl	0.1μl	10	1.00%	0.1	0.80%	0.08
			5	1.50%	0.075	1.50%	0.075
			1	2.50%	0.025	1.50%	0.015
MP20A	2-20μl	0.5μl	20	0.90%	0.18	0.40%	0.08
			10	1.20%	0.12	1.00%	0.1
			2	3.00%	0.06	2.00%	0.04
MP50A	5-50μl	0.5μl	50	0.60%	0.3	0.30%	0.15
			25	0.90%	0.225	0.60%	0.15
			5	2.00%	0.1	2.00%	0.1
MP100A	10-100μl	1μl	100	0.80%	0.8	0.15%	0.15
			50	1.00%	0.5	0.40%	0.2
			10	3.00%	0.3	1.50%	0.15
MP20/200A	20-200μl	1μl	200	0.60%	1.2	0.15%	0.3
			100	0.80%	0.8	0.30%	0.3
			20	3.00%	0.6	1.00%	0.2

MP50/200A	50-200 $\mu$ l	1 $\mu$ l	200	0.60%	1.2	0.15%	0.3
			100	0.80%	0.8	0.30%	0.3
			50	1.00%	0.5	0.40%	0.2
MP100/1000A	100-1000 $\mu$ l	5 $\mu$ l	1000	0.60%	6	0.20%	2
			500	0.70%	3.5	0.25%	1.25
			100	2.00%	2	0.70%	0.7
MP200/1000A	200-1000 $\mu$ l	5 $\mu$ l	1000	0.60%	6	0.20%	2
			500	0.70%	3.5	0.25%	1.25
			200	0.90%	1.8	0.30%	0.6
MP5000A	1000-5000 $\mu$ l	50 $\mu$ l	5000	0.50%	25	0.15%	7.5
			2500	0.60%	15	0.30%	7.5
			1000	0.70%	7	0.30%	3

8-channel Adjustable Volume Pipettes							
Model No	Volume Range	Increment	Test Volume ( $\mu$ l)	Maximum Permissible Systematic error		Maximum Permissible Random error	
				%	$\mu$ l	%	$\mu$ l
MP10/8A	0.5-10 $\mu$ l	0.1 $\mu$ l	10	1.50%	0.15	1.50%	0.15
			5	2.50%	0.125	2.50%	0.125
			1	4.00%	0.04	4.00%	0.04
MP50/8A	5-50 $\mu$ l	0.5 $\mu$ l	50	1.00%	0.5	0.50%	0.25
			25	1.50%	0.375	1.00%	0.25
			5	3.00%	0.15	2.00%	0.1

MP300/8A	50-300µl	5µl	300	0.70%	2.1	0.25%	0.75
			150	1.00%	1.5	0.50%	0.75
			50	1.50%	0.75	0.80%	0.4

12-channel Adjustable Volume Pipettes							
Model No	Volume Range	Increment	Test Volume (µl)	Maximum Permissible Systematic error		Maximum Permissible Random error	
				%	µl	%	µl
MP10/12A	0.5-10µl	0.1µl	10	1.50%	0.15	1.50%	0.15
			5	2.50%	0.125	2.50%	0.125
			1	4.00%	0.04	4.00%	0.04
MP50/12A	5-50µl	0.5µl	50	1.00%	0.5	0.50%	0.25
			25	1.50%	0.375	1.00%	0.25
			5	3.00%	0.15	2.00%	0.1
MP300/12A	50-300µl	5µl	300	0.70%	2.1	0.25%	0.75
			150	1.00%	1.5	0.50%	0.75
			50	1.50%	0.75	0.80%	0.4

Fixed Volume Pipettes							
Model No	Volume Range	Increment	Test Volume (µl)	Maximum Permissible Systematic error		Maximum Permissible Random error	
				%	µl	%	µl
MP5AF	5µl	-	5µl	1.3%	0.065	1.2%	0.06
MP10AF	10µl	-	10µl	0.8%	0.08	0.8%	0.08

MP20AF	20µl	-	20µl	0.6%	0.12	0.5%	0.1
MP25AF	25µl	-	25µl	0.5%	0.125	0.3%	0.075
MP50AF	50µl	-	50µl	0.5%	0.25	0.3%	0.15
MP100AF	100µl	-	100µl	0.5%	0.5	0.3%	0.3
MP200AF	200µl	-	200µl	0.4%	0.8	0.2%	0.4
MP250AF	250µl	-	250µl	0.4%	1.0	0.2%	0.5
MP500AF	500µl	-	500µl	0.3%	1.5	0.2%	1.0
MP1000AF	1000µl	-	1000µl	0.3%	3.0	0.2%	2.0
MP2000AF	2000µl	-	2000µl	0.3%	6.0	0.15%	3.0
MP5000AF	5000µl	-	5000µl	0.3%	15	0.15%	7.5

Note: It is recommended to validate the performance of the pipette after each cycle in the autoclave. It is also recommended to grease the piston and seal of the pipette after 10 cycles in the autoclave.