

MS Pipette

MS Pipette



ACCURATE & PRECISE
SMOOTH PIPETTING

Made in France

 **major science**
Innovative Life Sciences Tools

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Features:

- Light weight
- Soft spring system for extremely low pipetting forces
- Controlled volume setting to prevent accidental volume changes
- Large volume display
- Contoured shape: fits either small or large hands
- Large pushbutton, rounded and freely rotating
- Finger hook: takes the weight, for a more relaxed grip
- UV resistance even under prolonged exposure
- Fully autoclavable (120°C/0.1MPa/20 min)
- A unique serial number for each individual pipette



- 3-position tip ejector button (left/right handed users)
- Easy on site calibration (calibration key included)
- High accuracy and precision



MS pipette while providing customers with the “Best Value” combination of quality, features, service and price.

Best Accuracy & Precision

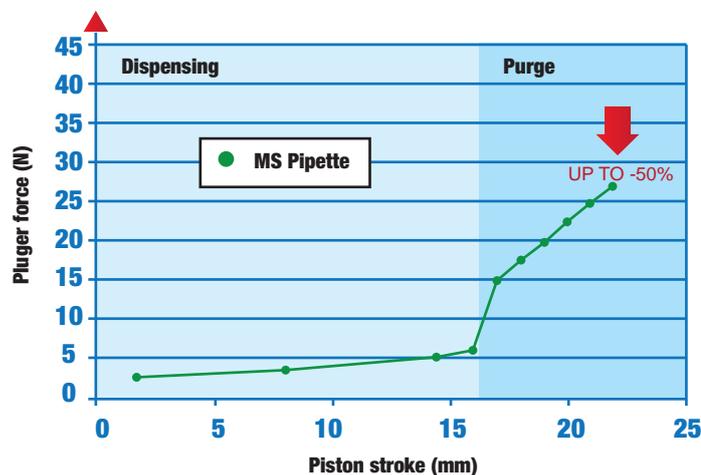
By ISO calibration and certification, MS pipette offer accurate & precise results for your research.

Applicable to universal tip

MS pipette has compatibility with a majority of brands of tips on the market.

Comfort use experience,

Your comfort through perfect fit, lightweight & ergonomic for use MS pipette, and very easy for single-hand operation.



Conception of new seals and lighter springs and use of high quality lubricant:

- Reduce pipetting and purge forces by 50%
- Have an easy glide of the piston
- Maintain an adequate ratio (~1/3) between pipetting forces and purge forces to feel confident in results
- Maintain quality and robustness of our pipetting system.



To each it's own:

MS Pipette

SINGLE CHANNEL
is available in 8 models and
covers the volume range from
0.2 μ L to 10 mL



MS Pipette

MULTI CHANNEL
is available in 8 models and
covers the volume range
from 0.5 μ L to 300 μ L.



Getting more for less

MS pipette is a reliable instrument that has can used and trusted for many years:

Based on the latest innovation in terms of ergonomics and comfort.

Main body design for easy operation by right - hand or left - hand.

New piston mechanism design.

Low maintenance frequency.

Easy to Maintenance by customers.

Characteristic of UV resistance and fully autoclavable can prevent contamination.

Using new materials to extend the life span and chemical resistance.

Original accessory parts will always be available through Major Science service centers.

Ordering information:



Cat. No	Description
MSP-2	MS pipette, variable volume 0.2~2 μ l
MSP-10	MS pipette, variable volume 1~10 μ l
MSP-20	MS pipette, variable volume 2~20 μ l
MSP-100	MS pipette, variable volume 10~100 μ l
MSP-200	MS pipette, variable volume 20~200 μ l
MSP-1000	MS pipette, variable volume 100~1000 μ l
MSP-5000	MS pipette, variable volume 500~5000 μ l
MSP-10000	MS pipette, variable volume 1000~10000 μ l
MSP-8X10	MS 8-ch pipette, variable volume 0.5~10 μ l
MSP-8X20	MS 8-ch pipette, variable volume 2~20 μ l
MSP-8X200	MS 8-ch pipette, variable volume 20~200 μ l
MSP-8X300	MS 8-ch pipette, variable volume 20~300 μ l
MSP-12X10	MS 12-ch pipette, variable volume 0.5~10 μ l
MSP-12X20	MS 12-ch pipette, variable volume 2~20 μ l
MSP-12X200	MS 12-ch pipette, variable volume 20~200 μ l
MSP-12X300	MS 12-ch pipette, variable volume 20~300 μ l
MSP-ST03	Pipette Stand

* All images are for reference only, actual products might differ from the pictures above.

* Technical specifications subject to change without notice.




The solution you can trust

Single channel models

Cat No.	Volume (µL)	SPECIFICATIONS				ISO 8655			
		Systematic error		Random error		Systematic error		Random error	
		(µL)	(%)	(µL)	(%)	(µL)	(%)	(µL)	(%)
MSP-2	0.2	±0.026	±13.2%	≤0.013	≤6.6%	±0.080	±40.0%	≤0.040	≤20.0%
	2	±0.033	±1.7%	≤0.015	≤0.8%	±0.080	±4.0%	≤0.040	≤2.0%
MSP-10	1	±0.028	±2.8%	≤0.013	≤1.3%	±0.120	±12.0%	≤0.080	≤8.0%
	10	±0.110	±1.1%	≤0.044	≤0.4%	±0.120	±1.2%	≤0.080	≤0.8%
MSP-20	2	±0.11	±5.5%	≤0.033	≤1.7%	±0.20	±10.0%	≤0.100	≤5.0%
	20	±0.20	±1.0%	≤0.066	≤0.3%	±0.20	±1.0%	≤0.100	≤0.5%
MSP-100	10	±0.39	±3.9%	≤0.11	≤1.1%	±0.80	±8.0%	≤0.030	≤3.0%
	100	±0.80	±0.8%	≤0.17	≤0.2%	±0.80	±0.8%	≤0.030	≤0.3%
MSP-200	20	±0.55	±2.8%	≤0.22	≤1.1%	±1.60	±8.0%	≤0.60	≤3.0%
	200	±1.60	±0.8%	≤0.33	≤0.2%	±1.60	±0.8%	≤0.60	≤0.3%
MSP-1000	100	±3.3	±3.3%	≤0.7	≤0.7%	±8.0	±8.0%	≤3.0	≤3.0%
	1000	±0.8	±0.8%	≤1.7	≤0.2%	±8.0	±0.8%	≤3.0	≤0.3%
MSP-5000	500	±13	±2.6%	≤3.3	≤0.7%	±40	±8.0%	≤15	≤3.0%
	5000	±33	±0.7%	≤8.8	≤0.2%	±40	±0.8%	≤15	≤0.3%
MSP-10000	1000	±33	±3.3%	≤6.6	≤0.7%	±60	±6.0%	≤30	≤3.0%
	10000	±60	±0.6%	≤17.6	≤0.2%	±60	±0.6%	≤30	≤0.3%

Multichannel models

Cat No.	Volume (µL)	SPECIFICATIONS				ISO 8655			
		Systematic error		Random error		Systematic error		Random error	
		(µL)	(%)	(µL)	(%)	(µL)	(%)	(µL)	(%)
MSP-8X10	0.5	±0.09	±17.6%	≤0.04	≤8.8%	±0.24	±48.0%	≤0.16	≤32.0%
MSP-8X20	2	±0.11	±5.5%	≤0.09	≤4.4%	±0.40	±20.0%	≤0.20	≤10.0%
MSP-8X200	20	±0.6	±2.8%	≤0.28	≤1.4%	±3.2	±16.0%	≤1.20	≤6.0%
MSP-8X300	20	±1.1	±3.7%	≤0.39	≤1.3%	±8.0	±26.7%	≤3.00	≤10.0%
MSP-12X10	10	±0.22	±2.2%	≤0.11	≤1.1%	±0.24	±2.4%	≤0.16	≤1.6%
MSP-12X20	20	±0.40	±2.0%	≤0.17	≤0.8%	±0.40	±2.0%	≤0.20	≤1.0%
MSP-12X200	200	±2.2	±1.1%	≤0.55	≤0.3%	±3.2	±1.6%	≤1.20	≤0.6%
MSP-12X300	300	±3.3	±1.1%	≤1.10	≤0.4%	±8.0	±2.7%	≤3.00	≤1.0%



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