

Автоклавируемые микропипетки серии Nichipet Air

Технические характеристики

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Among the world's lightest Micro Pipettes

Nichipet[®] Air

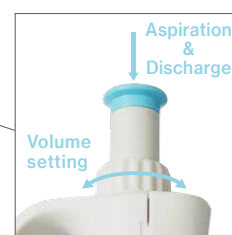
New evolution for world- class light weight, accuracy, and precision.



Volume adjustment by the exclusive jig is only have to set the volume into the scale marks.



Up to 70% reduction in stroke load pressure compared with conventional models.



Volume setting rotator is independent from the push button. Avoiding the volume shift during pipetting.



The shape to fit the hands based on the ergonomics.



The volume can be checked during pipetting.



Keeps the same durability as previous model and reduce the weight as 56% at maximum. Operability is improved with compact design. Approximate 70g. Fully autoclavable.



*This image is 20 μ L

In order to discharge the set dispensing amount, maximum volume range of 2 μ L, 10 μ L and 20 μ L have high-performance blow-out function.



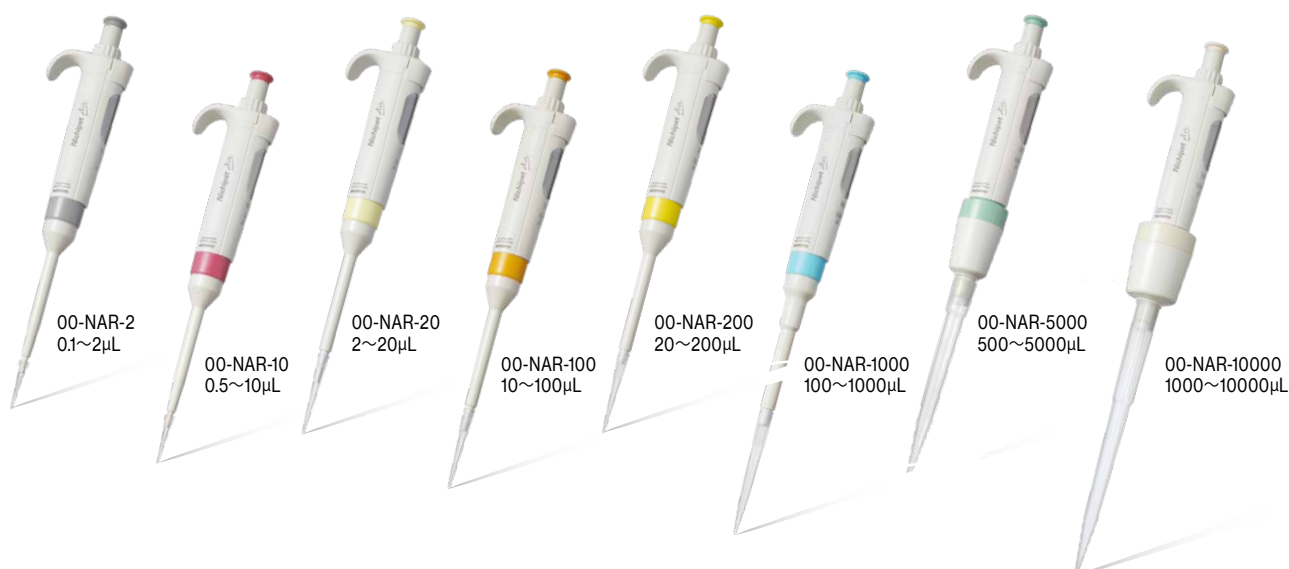
One-touch removable and can be used for a thin test-tube.



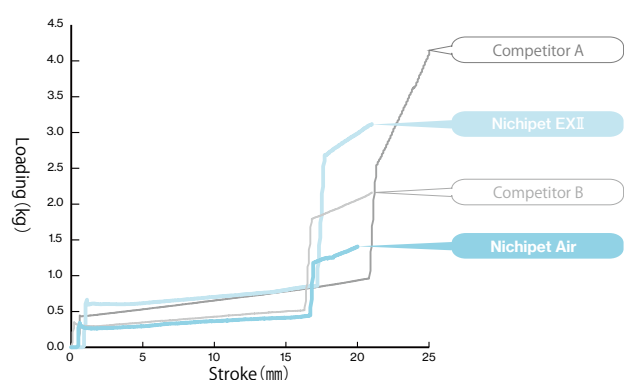
The pipette volume (Cat. No.) is recognized in one glance by volume notation of 3 positions.

- In order to reduce fatigue during long-term use, significant weight reduction and stroke load reduction have been achieved.
- The entire body is autoclaved (121°C, 20 minutes) with possible durability and the highest level of accuracy and repeatability.

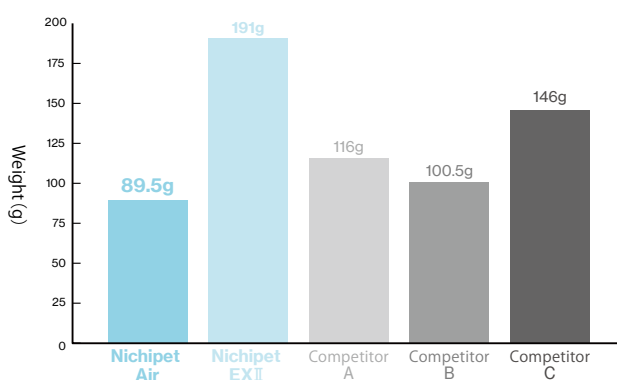
■ Product lineup (8 colors)



■ Stroke loading comparison with competitors (1000μL)



■ Weight comparison with competitors (10000μL)



Specifications

Cat. No	Volume Setting	Volume range(μL)	Increments(μL)	Usable tips
00-NAR-2 (●Gray)	Digital Setting	0.1~2	0.002	BMT2-UT/UTWR/UTWRB, FUT/FUTRB
00-NAR-10 (●Pink)		0.5~10	0.01	
00-NAR-20 (●Cream)		2~20	0.02	
00-NAR-100 (●Orange)		10~100	0.1	
00-NAR-200 (●Yellow)		20~200	0.2	
00-NAR-1000 (●Blue)		100~1000	1	
00-NAR-5000 (●Green)		500~5000	5	
00-NAR-10000 (●White)		1000~10000	10	

*Exclusive tip for 00-NAR-10000. *See p.18 for tip selection.

Accuracy and Precision

Cat. No	Volume(μL)	Accuracy (%)	Precision (%)	Cat. No	Volume(μL)	Accuracy (%)	Precision (%)
00-NAR-2 (●Gray)	0.2	±12.0*	≤6.0*	00-NAR-200 (●Yellow)	20	±1.8	≤0.7
	1	±2.5	≤1.5		100	±1.0	≤0.3
	2	±1.4	≤0.7		200	±0.6	≤0.2
00-NAR-10 (●Pink)	1	±2.5	≤1.8	00-NAR-1000 (●Blue)	100	±1.0	≤0.6
	5	±1.5	≤0.8		500	±0.8	≤0.2
	10	±1.0	≤0.4		1000	±0.6	≤0.2
00-NAR-20 (●Cream)	2	±3.0	≤1.5	00-NAR-5000 (●Green)	500	±2.0	≤0.6
	10	±1.2	≤0.6		2500	±0.7	≤0.25
	20	±1.0	≤0.3		5000	±0.5	≤0.15
00-NAR-100 (●Orange)	10	±3.0	≤1.0	00-NAR-10000 (●White)	1000	±2.0	≤0.6
	50	±1.0	≤0.3		5000	±0.8	≤0.2
	100	±0.8	≤0.2		10000	±0.5	≤0.15

*Each accuracy and precision are the values which come from measuring with our compatible tip.

*The AC and CV of NAR-2 below 0.2μL and NAR-10 below 1μL depend on the sampling skill and the sampling condition where pipettes are used.

Among the world's lightest Micro Pipettes

Nichipet[®] Air -Multi Channel-

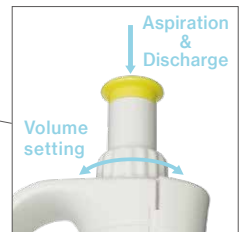
Multi channel model of 'Nichipet Air'
among the world's lightest pipette
with world class Accuracy and Precision.



Volume adjustment by the exclusive jig is only have to set the volume into the scale marks.



Up to 50% reduction in stroke load pressure compared with conventional models.



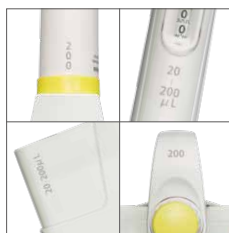
Volume setting rotator is independent from the push button. Avoiding the volume shift during pipetting.



The shape to fit the hands based on the ergonomics.



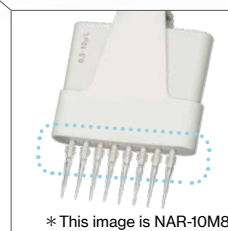
The volume can be checked during pipetting.



The pipette volume (Cat. No.) is recognized in one glance by volume notation of 4 positions.

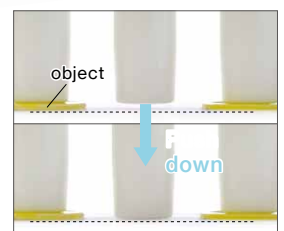


Keeps the same durability as previous model and reduce the weight as 20% at maximum. Operability is improved with compact design. Fully autoclavable.



* This image is NAR-10M8

In order to discharge the set dispensing amount, maximum volume range of 10 μ L have high-performance blow-out function.



This function improves attachment of the tips from the rack.

- In order to reduce fatigue during long-term use, significant weight reduction and stroke load reduction have been achieved.
- The entire body is autoclaved (121° C, 20 minutes) with possible durability and the highest level of accuracy and repeatability.

■ Product lineup (4 colors)

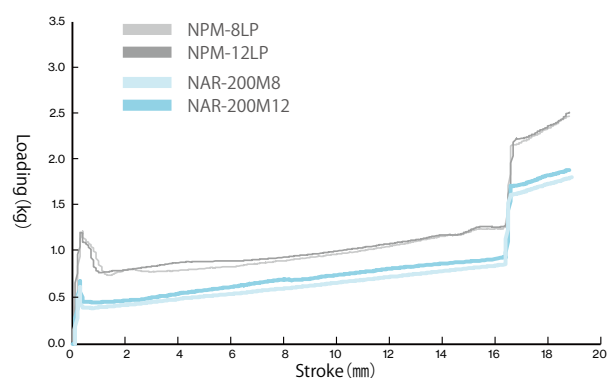


00-NAR-10M8 0.5~10µL
00-NAR-100M8 10~100µL
00-NAR-200M8 20~200µL
00-NAR-300M8 30~300µL

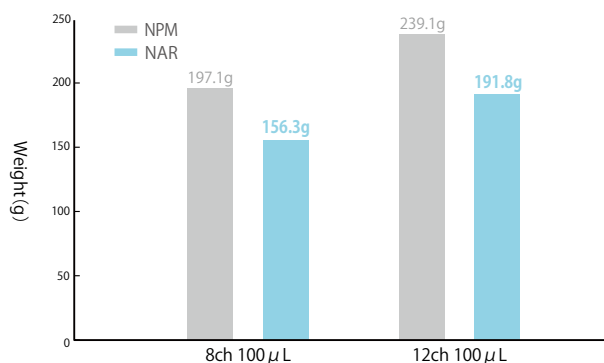


00-NAR-10M12 0.5~10µL
00-NAR-100M12 10~100µL
00-NAR-200M12 20~200µL
00-NAR-300M12 30~300µL

■ Stroke loading comparison in 'Nichipet' (200 µL)



■ Weight comparison in 'Nichipet' (100 µL)



Specifications

Cat. No	Channel	Volume Setting	Volume range(μL)	Increments(μL)	Usable tips
00-NAR-10M8 (●Pink)	8	Digital Setting	0.5 – 10	0.01	BMT2-UT / UTWR / UTWRB.FUT / FUTRB
00-NAR-100M8 (●Orange)			10 – 100	0.1	BMT2-SG / SGR / SGRB.FSE / FSERB
00-NAR-200M8 (●Yellow)			20 – 200	0.2	BMT2-SG / SGR / SGRB.FAG / FAGRB
00-NAR-300M8 (●White)			30 – 300	1	BMT2-K/KR/KRB
00-NAR-10M12 (●Pink)	12		0.5 – 10	0.01	BMT2-UT / UTWR / UTWRB.FUT / FUTRB
00-NAR-100M12 (●Orange)			10 – 100	0.1	BMT2-SG / SGR / SGRB.FSE / FSERB
00-NAR-200M12 (●Yellow)			20 – 200	0.2	BMT2-SG / SGR / SGRB.FAG / FAGRB
00-NAR-300M12 (●White)			30 – 300	1	BMT2-K/KR/KRB

*See p.18 for tip selection.

Accuracy and Precision

Cat. No	Volume(µL)	Accuracy(%)	Precision(%)	Cat. No	Volume(µL)	Accuracy(%)	Precision(%)
10 µL (00-NAR-10M8) (00-NAR-10M12)	1	±8.0*	≤5.0*	200 µL (00-NAR-200M8) (00-NAR-200M12)	20	±3.0	≤1.5
	5	±4.0	≤2.0		100	±1.0	≤0.7
	10	±2.0	≤1.0		200	±0.8	≤0.3
100 µL (00-NAR-100M8) (00-NAR-100M12)	10	±3.0	≤2.0	300 µL (00-NAR-300M8) (00-NAR-300M12)	30	±3.0	≤1.0
	50	±1.0	≤0.8		150	±1.0	≤0.5
	100	±0.8	≤0.3		300	±0.8	≤0.3

*Each accuracy and precision are the values which come from measuring with our compatible tip.

*The AC and CV of NAR-10M8 and 10M12 below 1 µL depend on the sampling skill and the sampling condition where pipettes are used.

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