



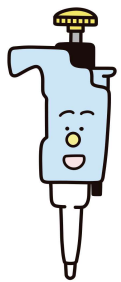
当社校正サービスセンターは認定基準としてISO/IEC17025 (JISQ17025) を用い、認定スキームをISO/IEC17025に準って運営されるJCSSの下で認定されています。JCSSを運営している認定機関 (IA Japan) は、アジア太平洋試験所認定協力機構 (APLAC) 及び国際試験所認定協力機構 (ILAC) の相互承認に署名しています。当社校正サービスセンターは国際4年有効JCSS認定事業者です。JCSS0280は当校正サービスセンターの認定番号です。



The Lightest Pipettes

The introduction of

Nichipet[®] Air



We have a new friend!!

EXII san

NEW



Nichipet® Air



EXII san

No need to take a part when autoclaving.

■ Specifications

Cat. No (Color)	Volume Setting	Volume range (μL)	Increments (μL)	Cat. No (Color)	Volume Setting	Volume range (μL)	Increments (μL)
00-NAR-2 (● Gray)	Digital Setting	0.1~2	0.002	00-NAR-200 (● Yellow)	Digital Setting	20~200	0.2
00-NAR-10 (● Pink)		0.5~10	0.01	00-NAR-1000 (● Blue)		100~1000	1
00-NAR-20 (● Cream)		2~20	0.02	00-NAR-5000 (● Green)		500~5000	5
00-NAR-100 (● Orange)		10~100	0.1	00-NAR-10000 (● White)		1000~10000	10

■ Tip/Racked tip (Autoclavable)

Cat. No	Specification	Volume range (μL)	Qty (box)	Material	Color	Increments	Usable models	Cat. No	Specification	Volume range (μL)	Qty (box)	Material	Color	Increments	Usable models	
00-BMT2-UT	Bulk tip	0.1~10	1000pcs	PP	Natural	2μL, 10μL	NAR-2 NAR-10	00-BMT2-LG	Bulk tip	100~1000	1000pcs	PP	Natural	100μL, 1000μL	NAR-1000	
00-BMT2-UTWR	Racked tip		96pcs.×10c/s					00-BMT2-LGR	Racked tip		96pcs.×10c/s					
00-BMT2-UTWRB	Racked tip (sterilized)	0.5~10	1000pcs			10μL	NAR-10	00-BMT2-LGRB	Racked tip (sterilized)	500~5000	200pcs					
00-BMT2-SSW	Bulk tip							96pcs.×10c/s	00-BMT2-X					Bulk tip	50pcs.×2c/s	
00-BMT2-SSWR	Racked tip	2~200	96pcs.×10c/s			10μL, 20μL, 50μL, 100μL, 150μL	NAR-20 NAR-100 NAR-200	00-BMT2-XR	Racked tip	1000~10000	200pcs					
00-BMT2-SSWRB	Racked tip (sterilized)							40pcs.×2c/s	00-BMT2-XRB					Racked tip (sterilized)		
00-BMT2-SG	Bulk tip	2~200	96pcs.×10c/s			1000μL	NAR-10000	00-BMT2-ZS	Bulk tip	40pcs.×2c/s	PP			Natural	1000μL	NAR-10000
00-BMT2-SGR	Racked tip							00-BMT2-ZSR	Racked tip							
00-BMT2-SGRB	Racked tip (sterilized)			00-BMT2-ZSRB	Racked tip (sterilized)											

* Painted in are exclusive tip for 00-NAR-10000.

121°C
20min
Autoclavable

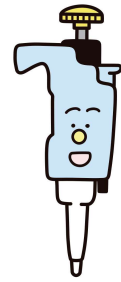


MADE IN JAPAN

5-year WARRANTY

Nichipet[®] Air

Strong Point 1



User friendly!

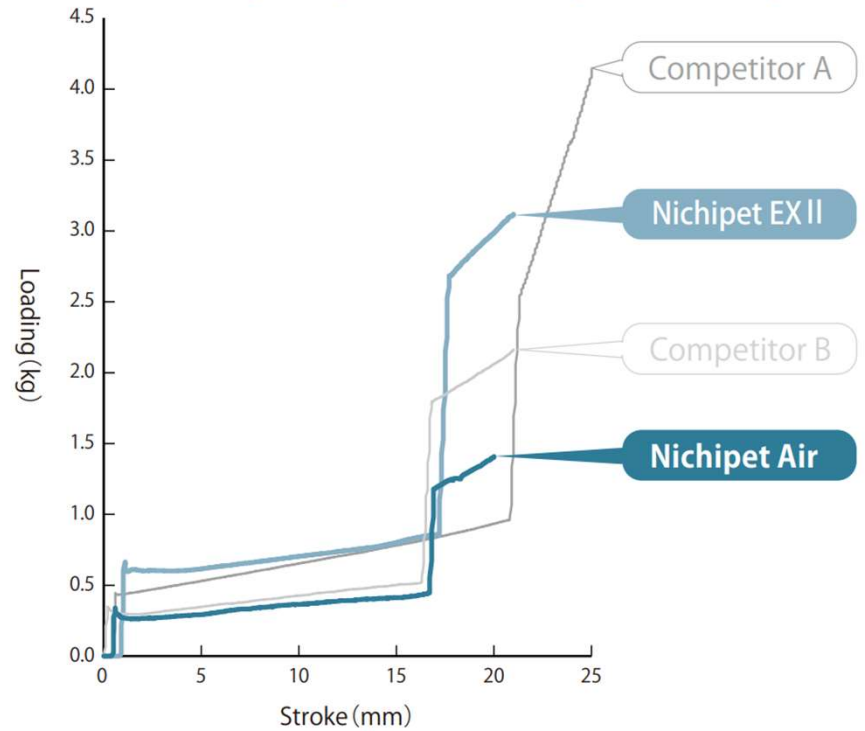
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The Lightest Push Stroke

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



Stroke loading comparison with competitors (1000 μ L)



Strong Point 2

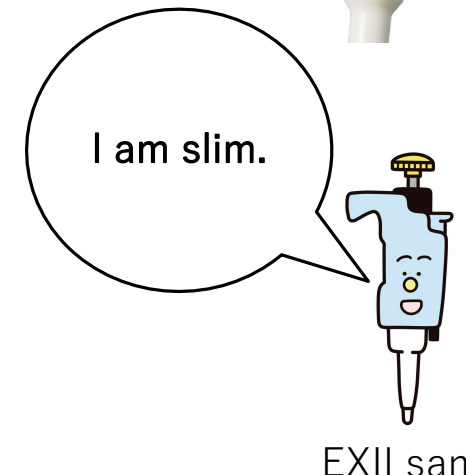
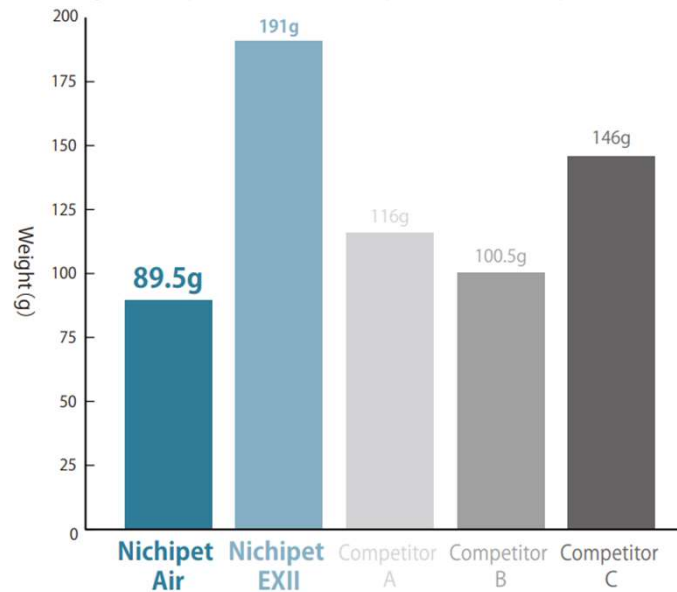
Volume	NichipetAir	NichipetEXII
2uL	66g	105g
10uL	66.5g	105g
20uL	70g	103g
100uL	69.5g	100g
200uL	70g	105g
1000uL	73.5g	111g
5000uL	81g	146g
10000uL	89.5g	191g

The Lightest Weight

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.



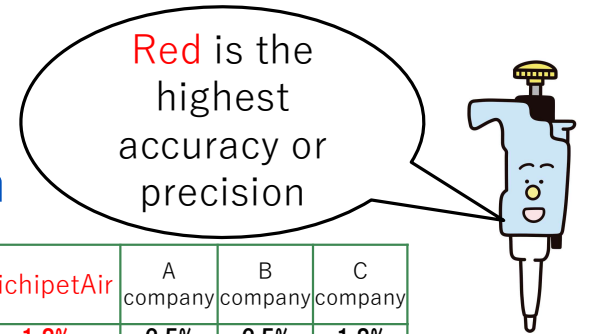
■ Weight comparison with competitors (10000μL)



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Strong point 3

World-class Accuracy & Precision

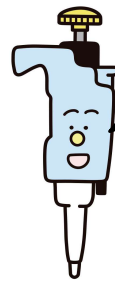


EXII san

Nominal capacity		Volume	ISO 8655	NichipetAir	A company	B company	C company	Nominal capacity		Volume	ISO 8655	NichipetAir	A company	B company	C company
2	Accuracy (%)	0.2	40.0%	12.0%	12.0%	12.0%	12.0%	200	Accuracy (%)	20	8.0%	1.8%	2.5%	2.5%	1.8%
		1	8.0%	2.5%	2.7%	2.5%	4.0%			100	1.6%	1.0%	0.8%	1.0%	1.0%
		2	4.0%	1.4%	1.5%	1.4%	2.5%			200	0.8%	0.6%	0.8%	0.6%	0.6%
	Precision (%)	0.2	20.0%	6.0%	6.0%	6.0%	10.0%		Precision (%)	20	3.0%	0.7%	1.0%	0.7%	0.7%
		1	4.0%	1.5%	1.3%	1.5%	3.5%			100	0.6%	0.3%	0.25%	0.3%	0.4%
		2	2.0%	0.7%	0.7%	0.7%	2.0%			200	0.3%	0.2%	0.15%	0.2%	0.2%
10	Accuracy (%)	1	12.0%	2.5%	1.5%	1.5%	1.5%	1000	Accuracy (%)	100	8.0%	1.0%	3.0%	3.0%	1.0%
		5	2.4%	1.5%	1.5%	1.5%	1.5%			500	1.6%	0.8%	0.8%	1.0%	0.8%
		10	1.2%	1.0%	1.0%	1.0%	1.0%			1000	0.8%	0.6%	0.8%	0.6%	0.6%
	Precision (%)	1	8.0%	1.8%	1.2%	1.8%	2.0%		Precision (%)	100	3.0%	0.6%	0.6%	0.6%	0.6%
		5	1.6%	0.8%	0.6%	0.8%	0.8%			500	0.6%	0.2%	0.2%	0.2%	0.3%
		10	0.8%	0.4%	0.4%	0.4%	0.5%			1000	0.3%	0.2%	0.15%	0.2%	0.2%
20	Accuracy (%)	2	10.0%	3.0%	5.0%	5.0%	3.0%	5000	Accuracy (%)	500	4.0%	2.0%	2.4%	2.4%	2.0%
		10	2.0%	1.2%	1.0%	1.2%	1.5%			2500	1.6%	0.7%	0.6%	1.2%	0.7%
		20	1.0%	1.0%	1.0%	1.0%	1.0%			5000	0.8%	0.5%	0.6%	0.6%	0.5%
	Precision (%)	2	5.0%	1.5%	1.5%	1.5%	2.5%		Precision (%)	500	3.0%	0.6%	0.6%	0.6%	0.8%
		10	1.0%	0.6%	0.5%	0.6%	0.6%			2500	0.6%	0.25%	0.2%	0.3%	0.3%
		20	0.5%	0.3%	0.3%	0.3%	0.4%			5000	0.3%	0.15%	0.2%	0.2%	0.2%
100	Accuracy (%)	10	8.0%	3.0%	3.5%	3.0%	3.0%	10000	Accuracy (%)	1000	6.0%	2.0%	3.0%	3.0%	2.0%
		50	1.6%	1.0%	0.8%	1.0%	1.2%			5000	1.2%	0.8%	0.8%	0.8%	0.8%
		100	0.8%	0.8%	0.8%	0.8%	0.8%			10000	0.6%	0.5%	0.6%	0.6%	0.5%
	Precision (%)	10	3.0%	1.0%	1.0%	1.0%	1.0%		Precision (%)	1000	3.0%	0.6%	0.6%	0.6%	0.8%
		50	0.6%	0.3%	0.2%	0.3%	0.4%			5000	0.6%	0.2%	0.2%	0.2%	0.3%
		100	0.3%	0.2%	0.15%	0.2%	0.2%			10000	0.3%	0.15%	0.2%	0.2%	0.2%

Nichipet[®] Air

Strong Point 4



EXII san

Don't worry about errors

Smooth Volume Setting

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



World-Class Operation

Finger Rest

The shape to fit the hands based on the ergonomics.



Volume Counter

The volume can be checked during pipetting.

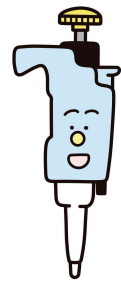


Nichipet[®] Air

Strong Point 5

*Can be recognized
at a glance*

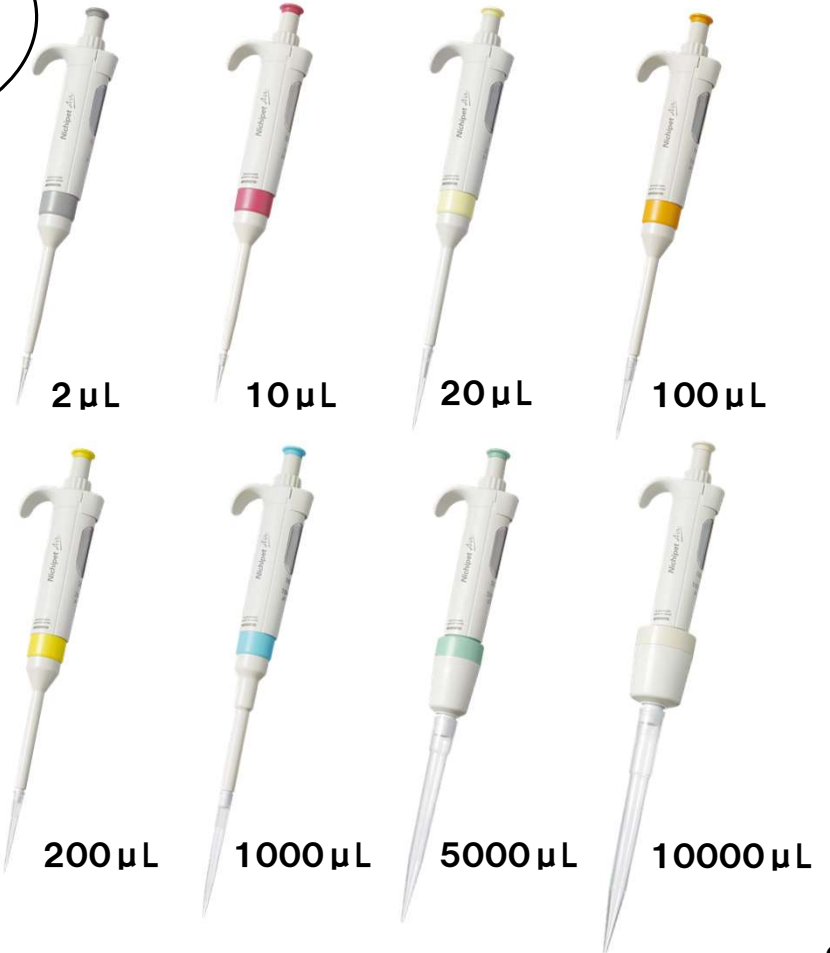
The pipette volume
type (Cat. No.) can be
found one glance at 3
different spots.



EXII san

Colorful and
easy to
recognize

Product Lineup (8 colors)



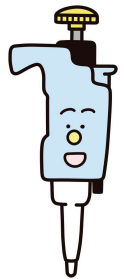
Strong Point 6

Hyper Blower

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



※This image is 20 μ L



EXII san

Liquid can be discharged well

In many experiments dealing with genes such as PCR, there is an operation to dispense the small amount of high-viscosity reagents such as enzymes. With the performance of conventional micropipettes, liquids cannot be completely discharged, and tended to adhere to the tip.

Situation① When you need to load the PCR reagent to gel...

Situation② When you need to dispense the polymerase enzyme...

Worry about the residual liquid

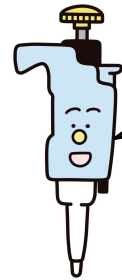
Therefore . . .

Introduce hyper blower system to NichipetAir`s micro volume of pipette .
(2 μ L、10 μ L、20 μ L)

Greatly improved discharge of a small amount of liquid with high viscosity.

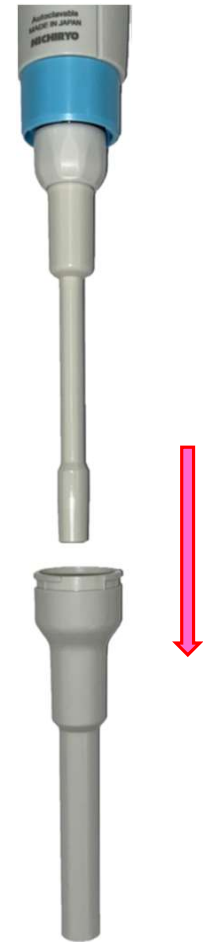
Nichipet[®] Air

Strong Point 7



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It could be used even when the ejector is removed !



One-touch Removable

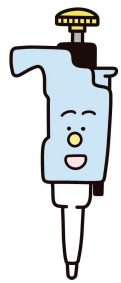
One-touch removable and can be used for a thin test-tube.



Nichipet[®] Air

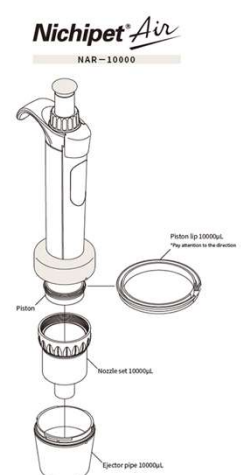
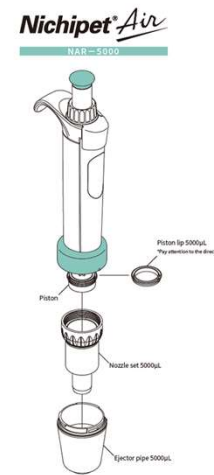
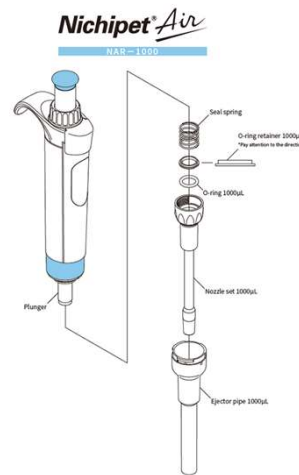
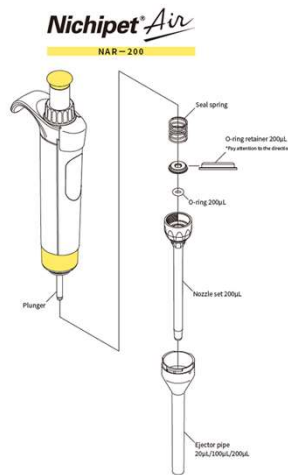
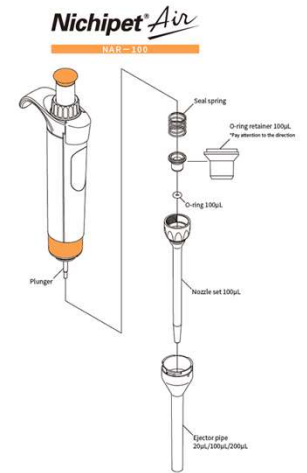
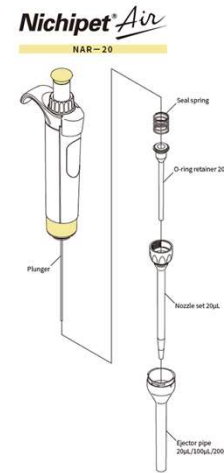
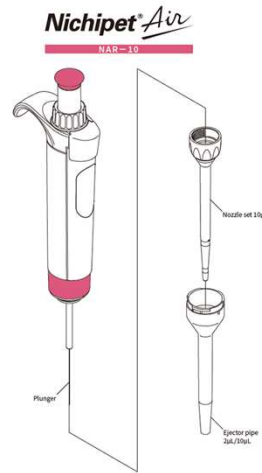
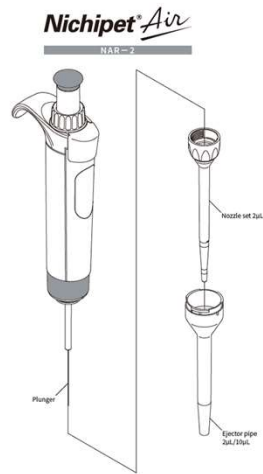
Strong Point 8

Easy Maintenance



EXII san

All you need to do is snugly apply the grease again.



Strong point 9

Easy Calibration

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



Anyone can do it easily !

EXII san

Volume Adjustment is now much easier.

< Process >

1. Measure volume and check current accuracy

Ex Volume Counter : 1 0 0 0 μ L

Volume measurement : 9 8 0 μ L Deviation 20 μ L !

2. Insert the jig to adjustment screw of push button and hold it not to rotate by hand.

3. Rotate the volume setting rotator until it matches the counter value to the actual value

Ex. Adjust the counter to 980uL

Then you can complete the volume adjustment.

Accessories



■ Carousel stand for *Nichipet[®] Air*

Cat. No	Storing capacity
00-NAR-STD	8pcs

- Can be used for Nichipet Premium series and NICHIRYO Le.
- Can be mounted on the stand with attaching a tip (only for Nichipet Air).

*Will be launched in October or later
*The image is prototype



Cat. No	Specification	Volume range (μL)	Q'ty (box)	Material	Color	Increments	Usable models
00-BMT2-ZS	Bulk tip		200pcs	PP	Natural	1000μL	NAR-10000
00-BMT2-ZSR	Racked tip	1000~10000	40pcs. X 2c/s				
00-BMT2-ZSRB	Racked tip (sterilized)						



■ Volume adjustment tool

Cat. No	Q'ty
00-NAR-AT	1



■ Nozzle filter

Cat. No	Usable models	Q'ty
00-NAR-F15000	00-NAR-5000	10
	00-NAR-10000	



■ Grease

Cat. No	Q'ty
00-NAR-GRS	1

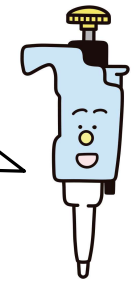


JCSS
JCSS 0280

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Thank you very much for
reading the materials
through to the end.



EXII san