

PIPETTE

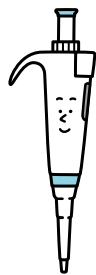
Among the world's lightest Micro Pipettes

Nichipet® Air

121°C
20min
Autoclavable



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



Nichipet Air
Mascot Character
Air-san



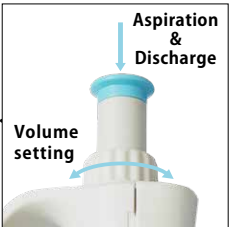
Volume adjustment by the exclusive jig is only have to set the volume into the scale marks.



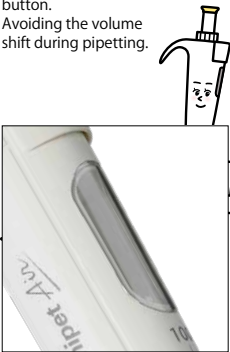
Up to 70% reduction in stroke load pressure compared with conventional models.



The shape to fit the hands based on the ergonomics.



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



The volume can be checked during pipetting.



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.

* This image is 20 µL

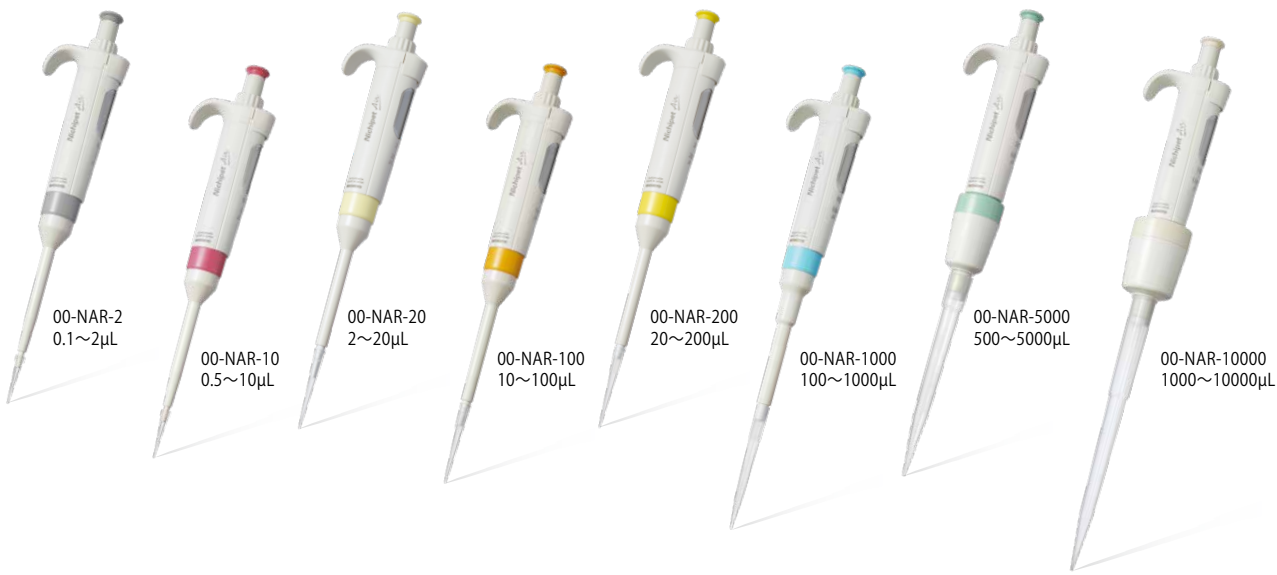
In order to discharge the set dispensing amount, maximum volume range of 2µL , 10µL and 20 µL have high-performance blow-out function.

【Parts List】

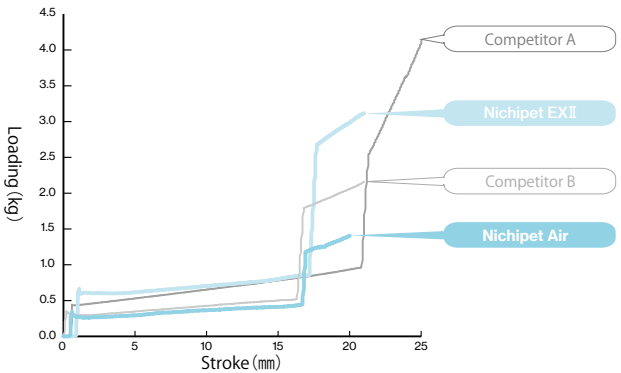


In order to reduce fatigue during long-term use, significant weight reduction and stroke load reduction have been achieved.

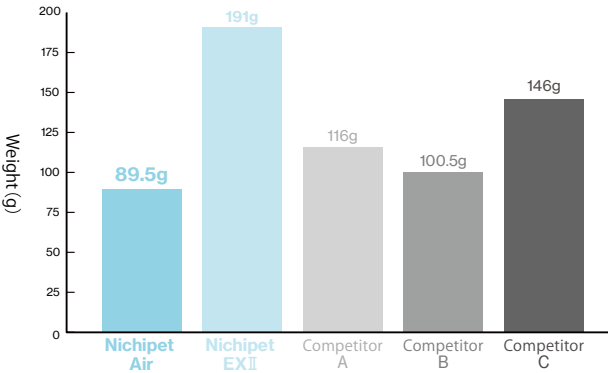
Product lineup (8 colors)



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	Any Nichiryo tips can be used as long as the volume matches. For product details, please see p.23-25.
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	
				00-BMT2-ZS, 00-BMT2-ZSR, 00-BMT2-ZSRB

*All products are tested before shipment using Premium Tips (P. 23) , which are the recommended tips to ensure accuracy.

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

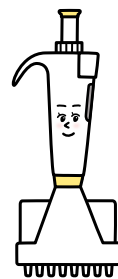
*Each accuracy and precision are the values which come from measuring with our compatible tip.

*The AC and CV of NAR-2 below 0.2 µL and NAR-10 below 1 µL 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.



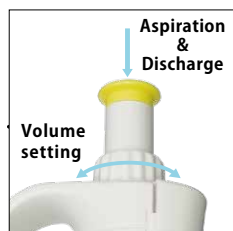
Nichipet Air -Multi Channel-
Mascot Character
Multi-san



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



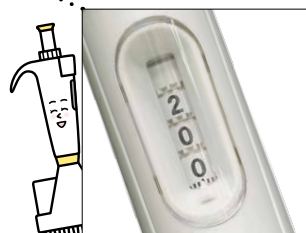
Up to 50% reduction in stroke load pressure compared with conventional models.



Aspiration & Discharge
Volume setting
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 20% at maximum. Operability is improved with compact design. Fully autoclavable.

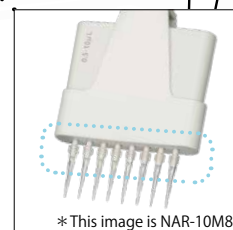


The pipette volume (Cat. No.) is recognized in one glance by volume notation of 4 positions.

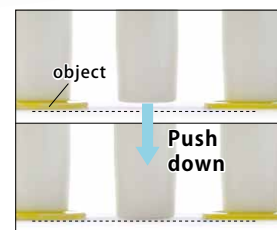
[Parts List]



In order to reduce fatigue during long-term use, significant weight reduction and stroke load reduction have been achieved.



*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.

Product lineup (4 colors)

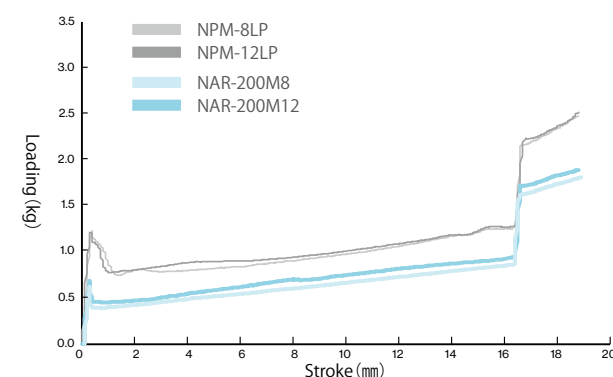


00-NAR-10M8 0.5~10 μ L
00-NAR-100M8 10~100 μ L
00-NAR-200M8 20~200 μ L
00-NAR-300M8 30~300 μ L

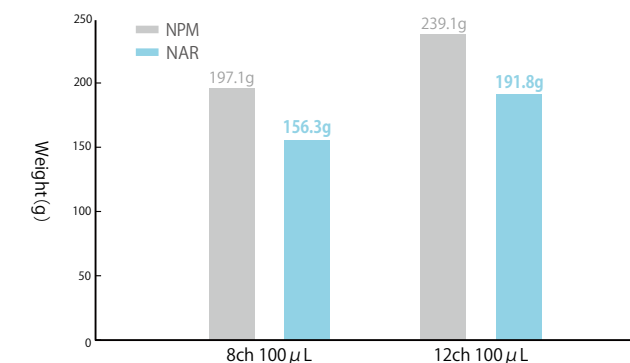


00-NAR-10M12 0.5~10 μ L
00-NAR-100M12 10~100 μ L
00-NAR-200M12 20~200 μ L
00-NAR-300M12 30~300 μ L

Stroke loading comparison in 'Nichipet' (200 μ L)



Weight comparison in 'Nichipet' (100 μ L)



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	Any Nichiryo tips can be used as long as the volume matches. For product details, please see p.23–25.
00-NAR-100M8 (●Orange)			10 – 100	0.1	
00-NAR-200M8 (●Yellow)			20 – 200	0.2	
00-NAR-300M8 (●White)			30 – 300	0.5	
00-NAR-10M12 (●Pink)	12		0.5 – 10	0.01	
00-NAR-100M12 (●Orange)			10 – 100	0.1	
00-NAR-200M12 (●Yellow)			20 – 200	0.2	
00-NAR-300M12 (●White)			30 – 300	0.5	

*All products are tested before shipment using Premium Tips (P. 23), which are the recommended tips to ensure accuracy.

Accuracy and Precision

Cat. No	Volume(μ L)	Accuracy(%)	Precision(%)	Cat. No	Volume(μ L)	Accuracy(%)	Precision(%)
10 μ L (00-NAR-10M8) (00-NAR-10M12)	1	$\pm 8.0^*$	$\leq 5.0^*$	200 μ L (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 μ L (00-NAR-100M8) (00-NAR-100M12)	10	± 3.0	≤ 2.0	300 μ L (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 μ L depend on the sampling skill and the sampling condition where pipettes are used.

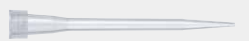
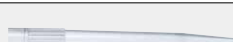
Disposable Tips

Premium Tip

- The fine design and finishing of the top of the tips reduce the surface tension of liquid and ensure the tip to be residue free.
- The excellent sealing and discharge ability enable high accuracy of pipetting.
- Chemical and heat resistant, for which the advanced material "Highly purified polypropylene" is used.
- Fully autoclavable. (121°C for 20 minutes) Racks can be autoclaved as well. (*Exceeding the recommended standard for autoclaving may cause deformities)
- The tips being able to be attached directly from the racks avoids dirt and dust from getting in, thus rising the efficiency of the operations.
- DNase/RNase free (excludes X/Z series)
- UV resistant



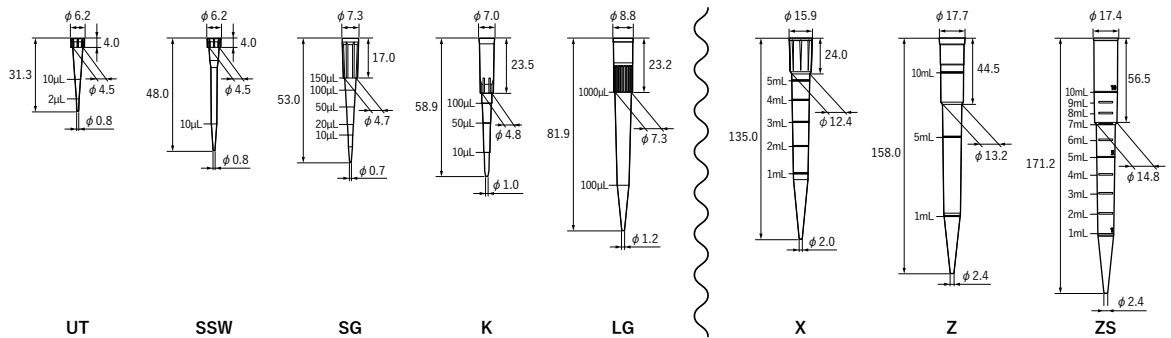
Specifications

Type		Cat. No.	Specification	Volume range(μL)	Color	Q'ty(box)	Usable models
UT		00-BMT2-UT	Bulk tip	0.1~10	Natural	1,000pcs	NAR-2, 10 / NAR-10M8, 10M12 NPX3-2, 10 / NPP-2 / NLT-2 NPX2-2 / NPLO-NPLO2-2 NPM-8V, 12V
		00-BMT2-UTWR	Racked tip			960pcs (96pcs×10's)	
		00-BMT2-UTWRB	Racked tip (sterilized)			960pcs (96pcs×10's)	
SSW		00-BMT2-SSW	Bulk tip	0.5~10		1,000pcs	NPX3-2, 10 NPP-10 / NLT-10 / NPX3-10 NPX2-10 / NPLO-NPLO2-10 NLE-10 / NPF2-10
		00-BMT2-SSWR	Racked tip			960pcs (96pcs×10's)	
		00-BMT2-SSWRB	Racked tip (sterilized)			960pcs (96pcs×10's)	
SG		00-BMT2-SG	Bulk tip	2~200		1,000pcs	NAR-20, 100, 200 / NAR-100M8, 100M12, 200M8, 200M12 NPX3-20, 100, 200 / NPP-20, 100, 200 / NLT-20, 100, 200 NPX2-20, 100, 200 / NPLO2-20, 100, 200 NLE-20, 100, 200 / NPF2-20~200 NPV2-S, M / NPM-8S, 8L, 12S, 12L
		00-BMT2-SGR	Racked tip			960pcs (96pcs×10's)	
		00-BMT2-SGRB	Racked tip (sterilized)			960pcs (96pcs×10's)	
K		00-BMT2-K	Bulk tip	30~300		1,000pcs	NAR-300M8, 300M12 NPM-8K, 12K
		00-BMT2-KR	Racked tip			960pcs (96pcs×10's)	
		00-BMT2-KRB	Racked tip (sterilized)			960pcs (96pcs×10's)	
LG		00-BMT2-LG	Bulk tip	100~1000		1,000pcs	NAR-1000 / NPX3-1000 NPP-1000 / NLT-1000 NPX2-1000 / NPLO2-1000 NLE-1000 / NPF2-500, 1000 / NPV2-L
		00-BMT2-LGR	Racked tip			960pcs (96pcs×10's)	
		00-BMT2-LGRB	Racked tip (sterilized)			960pcs (96pcs×10's)	
X		00-BMT2-X	Bulk tip	1000~5000		200pcs	NAR-5000 / NPX3-5000 NPP-5000 NPX2-5000 NPLO-NPLO2-5000
		00-BMT2-XR	Racked tip			100pcs (50pcs×2's)	
		00-BMT2-XRB	Racked tip (sterilized)			100pcs (50pcs×2's)	
Z		00-BMT2-Z	Bulk tip	1000~10000		200pcs	NPP-10000 NPX2-10000 NPLO-NPLO2-10000
		00-BMT2-ZR	Racked tip			80pcs (40pcs×2's)	
		00-BMT2-ZRB	Racked tip (sterilized)			80pcs (40pcs×2's)	
ZS		00-BMT2-ZS	Bulk tip	1000~10000		200pcs	NAR-10000 / NPX3-10000
		00-BMT2-ZSR	Racked tip			80pcs (40pcs×2's)	
		00-BMT2-ZSRB	Racked tip (sterilized)			80pcs (40pcs×2's)	

*Usable models refer to the micropipettes calibrated by our company using this tips. For compatibility with micropipettes from other manufacturers, please contact us.
*The tips are available for pipette models with in the volume range of the tip mentioned above.

TIP

(measure: mm)



Standard Tip

NichimateAQUA Tip

Bulk tip , Refill tip

- The N10-RF and N200-RF are compatible with the following racks: N10RK, N10LRK, and N200RK.



Refill tip



Bulk tip



Type	Length	Cat No.	Specification	Q'ty(box)
10 μ L	31.3mm	00-AQA-N10	Bulk tip	1,000pcs
		00-AQA-N10-RF	Refill tip	960pcs (96pcs×10stacks)
10 μ L (Long)	48.0mm	00-AQA-N10L	Bulk tip	1,000pcs
200 μ L	53.0mm	00-AQA-N200	Bulk tip	1,000pcs
		00-AQA-N200-RF	Refill tip	960pcs (96pcs×5stacks×2)
1000 μ L	81.9mm	00-AQA-N1000	Bulk tip	1,000pcs
		00-AQA-N1000-RF	Refill tip	960pcs (96pcs×5stacks×2)

Rack (Made of Transparent polycarbonate)

- This rack is exclusively designed for Nichimate Aqua Tips and is made of polycarbonate. Tips are not included.



Type	Cat No.	Q'ty(box)
10μL	00-AQA-N10RK (Orange●)	5 pcs.
10μL (Long)	00-AQA-N10LRK (Red●)	
200μL	00-AQA-N200RK (Yellow●)	
1000μL	00-AQA-N1000RK (Blue●)	



Standard Tip (Sterilized Raked Tip)

NichimateAqua Marine Tip



10μL

10μL (Long)

200μL

200μL (Long)

1000μL

Type	Length	Cat No.	Specification	Q'ty(box)
10 μ L	32mm	00-MRN-10RB	Racked tip	960pcs (96pcs×10's)
10 μ L (Long)	46mm	00-MRN-10LRB		
200 μ L	51mm	00-MRN-200RB		
200 μ L (Long)	90mm	00-MRN-200LRB		
1000 μ L	88mm	00-MRN-1000RB		

- This product is not recommended for repeated use with autoclave sterilization.

CONSUMABLE

Tips with Excellent Liquid Drainage

Low Retention Tip



- Standard tips with high transparency and excellent liquid drainage.
- Especially effective for handling viscous liquids and surfactants that generate foam during dispensing.
- Ideal for preparing PCR reagents due to the above features.
- Bulk and Refill are non-sterile; Rack tips are provided sterile.
- DNase/RNase/Pyrogen Free.
- For research use only. Not for use in medical or clinical applications.

Specifications

Specification	Type	Length	Cat No.	Q'ty(box)
Bulk tip	10 μ L	31.1mm	00-LRT-10	1,000pcs
	10 μ L (Long)	45.8mm	00-LRT-10L	
	200 μ L	50.8mm	00-LRT-200	
	300 μ L	55.9mm	00-LRT-300	
	1250 μ L	90.2mm	00-LRT-1250	
Refill tip	10 μ L	31.1mm	00-LRT-10-RF	960pcs (96pcs $\times$ 5stacks $\times$ 2)
	10 μ L (Long)	45.8mm	00-LRT-10L-RF	
	200 μ L	50.8mm	00-LRT-200-RF	
	300 μ L	55.9mm	00-LRT-300-RF	
	1250 μ L	90.2mm	00-LRT-1250-RF	768pcs (96pcs $\times$ 4stacks $\times$ 2)
Racked tip	10 μ L	31.1mm	00-LRT-10RB	960pcs (96pcs $\times$ 10 c/s)
	10 μ L (Long)	45.8mm	00-LRT-10LRB	
	200 μ L	50.8mm	00-LRT-200RB	
	200 μ L (Long)	91.1mm	00-LRT-200LRB	192pcs (96pcs $\times$ 2 c/s)
	300 μ L	55.9mm	00-LRT-300RB	960pcs (96pcs $\times$ 10 c/s)
	1250 μ L	90.2mm	00-LRT-1250RB	

• The racks can be autoclaved (121°C, 20 minutes); however, but should be replaced if deformation or discoloration occurs (Nichiryo does not guarantee that deformation or discoloration will not occur). • Bulk and refill packages cannot be autoclaved as is. Please transfer the tips to a compatible rack, glass container, or similar ones before autoclaving. • Autoclaving should be performed according to your laboratory manual or under the guidance of an experienced person.

Filtered Tips with Excellent Liquid Drainage

Low Retention Filtered Tip

- Features a hydrophobic HDPE filter to minimize aerosol contamination inside the micropipette during aspiration.
- DNase/RNase/Pyrogen Free.
- For research use only. Not for use in medical or clinical applications.

Specifications

Type	Length	Cat No.	Specification	Q'ty(box)
10 μ L	31.1mm	00-LRT-F10RB	Racked tip (sterilized)	960pcs (96pcs $\times$ 10 c/s)
10 μ L(Long)	45.8mm	00-LRT-F10LRB		
20 μ L	50.8mm	00-LRT-F20RB		
100 μ L		00-LRT-F100RB		
200 μ L		00-LRT-F200RB		
200 μ L(Long)	91.1mm	00-LRT-F200LRB		192pcs (96pcs $\times$ 2 c/s)
300 μ L	55.9mm	00-LRT-F300RB		960pcs (96pcs $\times$ 10 c/s)
1250 μ L	90.2mm	00-LRT-F1250RB		

• The racks can be autoclaved (121°C, 20 minutes), but should be replaced if warped or discolored.

ACCESSORY

Pipette Stand



Cat. No 00-NAR-STD
Storing capacity ... 8pcs
Compatible models ... Nichipet Air
Nichipet Air -Multi Channel-
Nichipet Premium
Nichipet Premium LT*
NICHIRYO Le
• Can be mounted on the stand with attaching a tip (only for Nichipet Air).

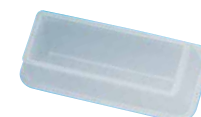


Cat. No 00-MLT-STD3
Storing capacity ... 6pcs
Compatible models ... Nichipet EX III
Nichipet Premium
Nichipet premium LT*
Nichipet EX II*
Nichipet EX Plus II
Nichiryo Le
Nichipet EX II MULTI*



Cat. No 00-NLE-STD (ABS)
Storing capacity ... 1pc
Compatible models ... Nichipet EX III
Nichipet Premium
Nichipet premium LT*
Nichipet EX II*
Nichipet EX Plus II
Nichiryo Le

Tray



Cat. No 00-88-TY
Q'ty 50pcs
Compatible models ... Nichipet Air -Multi Channel-
Nichipet EX II MULTI*
MODEL 8800*

Volume adjustment tool



Cat. No 00-NAR-AT (for NAR)
00-NX3-AT (for NPX3)
Q'ty 1pc

Tube Opener



Cat. No 00-NTO-001
Q'ty 3pcs
Compatible models ... Nichipet Premium
Nichipet premium LT*
Nichipet EX II*
Nichipet EX Plus II

Grease



Cat. No 00-NAR-GRS (for NAR)
00-NX3-GRS (for NPX3)
00-N3-0711A (for NLE)
00-NLT-3400000 (for NLT*)
00-NPM-3400000 (for NPM*)
Q'ty 1pc

Filter

For NPP-1000

Cat. No 00-NP-0601000
Q'ty 10pcs



For NPLO II-1000

Cat. No 00-LO2-0601000
Q'ty 10pcs



For NPX II-1000

Cat. No 00-NX2-0601000
Q'ty 10pcs



For NPP,NPX II,NPLO II-5000,10000

Cat. No ... 00-NX2-0615000
Q'ty 100pcs



For NAR-5000,10000

Cat. No ... 00-NAR-F15000
Q'ty 10pcs



For NPX III-1000, 5000,10000

Cat. No 00-NX3-F1000,
00-NX3-F15000
Q'ty 10pcs

