

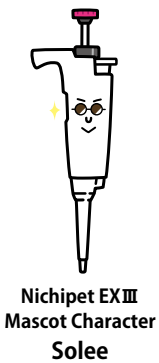
PIPETTE

Autoclavable Micro Pipette

Nichipet® EX III



Japan's Micropipette Standard.
The latest model of a long-time favorite among researchers.



Made from high-performance materials with excellent UV resistance. The counter window is made of glass, preventing fogging and ensuring suitability for use inside clean benches.



Reducing the push button stroke load compared to previous models helps minimize fatigue during extended use.



Designed with a lock mechanism, it is easier to adjust volume smoothly.



Highly chemical-resistant and robust, the entire body is autoclavable (121°C for 20 minutes).



One-touch removal design, capable of accommodating narrow test tubes.



A filter in the nozzle tip reduces the risk of liquid suction into the main body. (Available on 1000, 5000, and 10000 µL models.)



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



Different color depending on the volume. The pipette volume (Cat. No.) is recognized in one glance by volume notation of 2 positions.



[Specifications]



- Since the volume indicator is made of glass, ultraviolet germicidal of the clean bench will not make it cloud.
- From prolonged irradiation, the surface layer of plastic may deteriorate or discolor, but its performance is not affected.

Product lineup (8 colors)



Specifications

Cat. No	Volume setting	Volume range (μL)	Increments(μL)	Usable tips
00-NPX3-2 (● 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-NPX3-10 (● Pink)		0.5 – 10	0.01	
00-NPX3-20 (● Cream)		2 – 20	0.02	
00-NPX3-100 (● Orange)		10 – 100	0.1	
00-NPX3-200 (● Yellow)		20 – 200	0.2	
00-NPX3-1000 (● Blue)		100 – 1000	1	
00-NPX3-5000 (● Green)		500 – 5000	10	
00-NPX3-10000 (● 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-NPX3-2	0.2	±12.0*	≤6.0*	00-NPX3-200	20	±2.5	≤0.7
	1	±2.5	≤1.5		100	±1.0	≤0.3
	2	±1.5	≤0.7		200	±0.6	≤0.2
00-NPX3-10	1	±2.5*	≤1.8*	00-NPX3-1000	100	±3.0	≤0.6
	5	±1.5	≤0.8		500	±1.0	≤0.2
	10	±1.0	≤0.4		1000	±0.8	≤0.2
00-NPX3-20	2	±5.0	≤1.5	00-NPX3-5000	500	±2.4	≤0.6
	10	±1.0	≤0.6		2500	±1.2	≤0.25
	20	±1.0	≤0.3		5000	±0.6	≤0.15
00-NPX3-100	10	±3.0	≤1.0	00-NPX3-10000	1000	±3.0	≤0.6
	50	±1.0	≤0.3		5000	±0.8	≤0.2
	100	±0.8	≤0.2		10000	±0.6	≤0.15

*Each accuracy and precision are the values which come from measuring with our compatible tip.
*The AC and CV of NPX3-2 below 0.2 µL and NPX3-10 below 1 µL 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



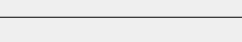
121°C
20min
Autoclavable

Endotoxin
FREE

DNase/RNase
FREE

[Except X/Z/ZS]

Specifications

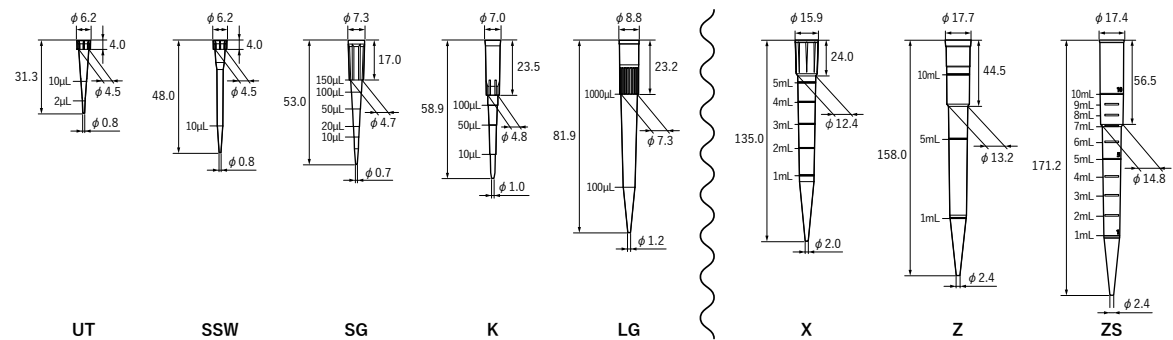
Type		Cat. No.	Specification	Volume range(μL)	Color	Q'ty(box)	Usable models	
UT		00-BMT2-UT	Bulk tip	0.1~10	Natural	1,000pcs	NAR-2, 10 / NAR-10M8, 10M12	
		00-BMT2-UTWR2	Racked tip			960pcs (96pcs×10 ^{1/2})	NPX3-2, 10 / NPP-2 / NLT-2 NPX2-2 / NPLO-NPLO2-2 NPM-8V, 12V	
		00-BMT2-UTWRB2	Racked tip (sterilized)			960pcs (96pcs×10 ^{1/2})		
SSW		00-BMT2-SSW	Bulk tip	0.5~10		1,000pcs	NPX3-2, 10	
		00-BMT2-SSWR2	Racked tip			960pcs (96pcs×10 ^{1/2})	NPP-10 / NLT-10 / NPX3-10 NPX2-10 / NPLO-NPLO2-10 NLE-10 / NPF2-10	
		00-BMT2-SSWRB2	Racked tip (sterilized)			960pcs (96pcs×10 ^{1/2})		
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-SGR2	Racked tip			960pcs (96pcs×10 ^{1/2})		
		00-BMT2-SGRB2	Racked tip (sterilized)			960pcs (96pcs×10 ^{1/2})		
K		00-BMT2-K	Bulk tip	30~300		1,000pcs	NAR-300M8, 300M12 NPM-8K, 12K	
		00-BMT2-KR2	Racked tip			960pcs (96pcs×10 ^{1/2})		
		00-BMT2-KRB2	Racked tip (sterilized)			960pcs (96pcs×10 ^{1/2})		
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-LGR2	Racked tip			960pcs (96pcs×10 ^{1/2})		
		00-BMT2-LGRB2	Racked tip (sterilized)			960pcs (96pcs×10 ^{1/2})		
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 ^{1/2})		
		00-BMT2-XRB	Racked tip (sterilized)			100pcs (50pcs×2 ^{1/2})		
Z		00-BMT2-Z	Bulk tip	1000~10000		200pcs	NPP-10000 NPX2-10000 NPLO-NPLO2-10000	
		00-BMT2-ZR	Racked tip			80pcs (40pcs×2 ^{1/2})		
		00-BMT2-ZRB	Racked tip (sterilized)			80pcs (40pcs×2 ^{1/2})		
ZS		00-BMT2-ZS	Bulk tip	1000~10000		200pcs	NAR-10000 / NPX3-10000	
		00-BMT2-ZSR	Racked tip			80pcs (40pcs×2 ^{1/2})		
		00-BMT2-ZSRB	Racked tip (sterilized)			80pcs (40pcs×2 ^{1/2})		

*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

Refill tip

Bulk tip

Rack

Bulk tip, Refill tip

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

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

10μL

10μL (Long)

200μL

1000μL

	Type	Length	Cat No.	Specification	Q'ty(box)
Non-Filtered	10 μL	32mm	00-MRN-10RB	Racked tip	960pcs (96pcs×10's)
	10 μL (Long)	46mm	00-MRN-10LRB		
	200 μL	51mm	00-MRN-200RB		
	1000 μL	88mm	00-MRN-1000RB		
Filtered	10 μL	32mm	00-MRN-F10RB		
	10 μL (Long)	46mm	00-MRN-F10LRB		
	20 μL	51mm	00-MRN-F20RB		
	100 μL		00-MRN-F100RB		
	200 μL		00-MRN-F200RB		
	300 μL		00-MRN-F300RB		
	1000 μL	60mm	00-MRN-F1000RB		
		88mm	00-MRN-F1000RB		

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

SUPERFIT

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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 ϵ /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 ϵ /s)
	300 μ L	55.9mm	00-LRT-300RB	960pcs (96pcs $\times$ 10 ϵ /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)
10μL 	31.1mm	00-LRT-F10RB	Racked tip (sterilized)	960pcs (96pcs×10 ^{c/s})
10μL(Long) 	45.8mm	00-LRT-F10LRB		
20μL 	50.8mm	00-LRT-F20RB		
100μL 		00-LRT-F100RB		
200μL 		00-LRT-F200RB		
200μL(Long) 	91.1mm	00-LRT-F200LRB		192pcs (96pcs×2 ^{c/s})
300μL 	55.9mm	00-LRT-F300RB		960pcs (96pcs×10 ^{c/s})
1250μL 	90.2mm	00-LRT-F1250RB		

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

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).

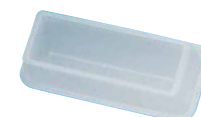


- Cat. No 00-MLT-STD3
Storing capacity ... 6pcs
Compatible models ... Nichipet EX III
Nichipet Premium
Nichipet premium LT*
Nichipet EX II*
Nichipet EX Plus II
Nichiryo Le
Nichipet EX II MULTI*



- 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

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