



Nichipet EXII Nichipet EX PlusII

Reborn

All New! Nichiryo's best sellers, fully autoclavable and UV resistant Nichipet series, have been reborn.

Improved dispensing efficiency! Point

Hyper Blower System, equipped with **Nichipet Premium**, has been integrated with 2μL and 10μL sizes to drop last remained liquid.

Better visibility! Point

Color combination on the counter display has been reversed for better visibility. (all sizes)



Noncorrosive ceramic plunger! Point

Ceramic plunger is used to prevent from corrosion. (200ul-10000μL for Nichipet EXII, 100ul-10000μL for Nichipet EX PlusII)



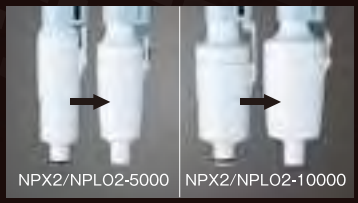
Less thumb fatigue! Point

Enlarged push button can be reached easily for those who have small hands. (all sizes)



Easy maintenance! Point

Lower bodies of 5000 and 10000 types are fully upgraded to dismantle easily for self-maintenance.



8 sizes cover 0.1μL-10000μL
Required volume range can be covered less pipette quantity. 1000μL to 10000μL are equipped with nozzle filter to prevent from sucking up.

High chemical resistant model
O-ring is made of Purfluoro rubber, which has low expansion ratio, to mitigate mis-pipetting. (Nichipet EX PlusII)

UV resistance Enhanced UV resistance for better use in clean bench

121°C Fully autoclavable (121°C for 20 minutes)

Made in Japan All components are manufactured and assembled in Japan.

■ Specifications

Nichipet EXII

Cat. No	Volume range (μL)	Increments (μL)
00-NPX2-2	0.1-2	0.002
00-NPX2-10	0.5-10	0.01
00-NPX2-20	2-20	0.02
00-NPX2-100	10-100	0.1
00-NPX2-200	20-200	0.2
00-NPX2-1000	100-1000	1
00-NPX2-5000	1000-5000	10
00-NPX2-10000	1000-10000	10

Nichipet EX PlusII

Cat. No	Volume range (μL)	Increments (μL)
00-NPLO2-2	0.1-2	0.002
00-NPLO2-10	0.5-10	0.01
00-NPLO2-20	2-20	0.02
00-NPLO2-100	10-100	0.1
00-NPLO2-200	20-200	0.2
00-NPLO2-1000	100-1000	1
00-NPLO2-5000	1000-5000	10
00-NPLO2-10000	1000-10000	10

■ Tip/Racked Tip (Fully autoclavable)

Cat. No.	Volume range (μL)	Usable models	Color	Length of tips (mm)	Q'ty (box)
00-BMT-UT	0.1-10	NPX2-2, NPLO2-2	Clear	31.4	1000
00-BMT-UTR					960 (96pcs.×10%/s)
00-BMT-SS	0.5-10	NPX2-10, NPLO2-10		45.7	1000
00-BMT-SSR					960 (96pcs.×10%/s)
00-BMT-SG	2-200	NPX2-20, 100, 200 NPLO2-20, 100, 200		53	1000
00-BMT-SGR					960 (96pcs.×10%/s)
00-BMT-SE	2-200	NPX2-20, 100, 200 NPLO2-20, 100, 200		51.1	1000
00-BMT-SER					960 (96pcs.×10%/s)
00-BMT-L	100-1000	NPX2-1000, NPLO2-1000		77	1000
00-BMT-LR					1000 (100pcs.×10%/s)
00-BMT-X	1000-5000	NPX2-5000, NPLO2-5000		132	200
00-BMT-XR					100 (50pcs.×2%/s)
00-BMT-Z	1000-10000	NPX2-10000, NPLO2-10000	158	200	

■ Accuracy and Precision

Cat. No	Volume (μL)	Accuracy (%)	Precision (%)	Cat. No	Volume (μL)	Accuracy (%)	Precision (%)
00-NPX2-2 00-NPLO2-2	0.2	±12.0*	≤6.0*	00-NPX2-200 00-NPLO2-200	20	±1.0	≤0.5
	1	±5.0	≤2.5		100	±0.8	≤0.3
	2	±3.0	≤1.0		200	±0.8	≤0.2
00-NPX2-10 00-NPLO2-10	1	±4.0	≤3.0	00-NPX2-1000 00-NPLO2-1000	100	±1.0	≤0.5
	5	±1.0	≤1.0		500	±0.8	≤0.3
	10	±1.0	≤0.5		1000	±0.7	≤0.2
00-NPX2-20 00-NPLO2-20	2	±5.0	≤3.0	00-NPX2-5000 00-NPLO2-5000	1000	±1.0	≤0.3
	10	±1.0	≤1.0		2500	±0.8	≤0.3
	20	±1.0	≤0.4		5000	±0.6	≤0.2
00-NPX2-100 00-NPLO2-100	10	±2.0	≤1.0	00-NPX2-10000 00-NPLO2-10000	1000	±2.0	≤0.4
	50	±1.0	≤0.3		5000	±0.8	≤0.3
	100	±0.8	≤0.3		10000	±0.4	≤0.2

*The AC and CV values are the values by use of the disposable tips described in the catalogue. *The AC and CV values below 0.2μL depend much on the operator's skill and the environment under which the pipette is used.

■ Nichipet EXII S-PAC Series

Description	Cat. No	Content
Nichipet EXII S-PAC A	00-SP-A2	NPX2-10 (0.5-10μL), NPX2-100 (10-100μL), NPX2-1000 (100-1000μL), BMT-SSR (0.5-10μL), BMT-SGR (2-200μL), BMT-LR (100-1000μL), NTO, NLE-STD×3
Nichipet EXII S-PAC B	00-SP-B2	NPX2-20 (2-20μL), NPX2-200 (20-200μL), NPX2-1000 (100-1000μL), BMT-SGR (2-200μL) ×2, BMT-LR (100-1000μL), NTO, NLE-STD×3
Nichipet EXII S-PAC H	00-SP-H2	NPX2-2 (0.1-2μL), NPX2-10 (0.5-10μL), NPX2-100 (10-100μL), BMT-UTR (0.1-10μL) ×2, BMT-SSR (0.5-10μL), BMT-SGR (2-200μL), NTO

■ Accessories

	Stand Cat.No:00-MLT-STD2 (ABS) Storing capacity:6pcs		Stand Cat.No:00-BM-STD (Acrylic resin) Storing capacity:6pcs		Stand Cat.No:00-NLE-STD (ABS) Storing capacity:1pcs		Tube Opener Cat.No:00-NTO Q'ty:3pcs
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*visit our web-site for part lists and chemical resistance of Perfluoro rubber O-ring.

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Autoclavable Micro Pipette

Nichipet EX II

Best Selling Model of Nichipet Series



Volume display made of durable glass material protects the damage from UV irradiation and keep the pipette safer in clean bench even over a long time.



Materials used for pipette body have high tolerance to solvents. Non-grease designed. No need to worry about continuous autoclaving.



Non corrosive ceramic used in the plunger. (200uL - 10000uL)



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



The ejector pipe fixed by a screw is easier to remove.



Resin material of ejector pipe could enhance high tolerance to solvents.

- Fully autoclavable. (121°C for 20 minutes)
- Enhanced UV resistance.
- Hyper blower system. longer second-push stroke, improves dispensing efficiency. (2μL,10μL)
- Easy digital volume setting.
- Easy and convenient single hand locking lever.
- Eight sizes to cover a wide volume range. (0.1μL - 10000μL)
- PTFE (Fluorine resin) is used in the airtight chamber of the instrument, so the instrument keeps its air tightness and precise reproducibility for long hours.
- Ceramic plungers are used for volume models. (200μL - 10000μL)
- Filtered nozzles are used for volume models. (1000μL - 10000μL)
- Tip ejector allows for tip ejections without touching the tip.
- Tip ejector is made of plastic to avoid damaging glass tubes.

Specifications

Cat. No	Volume setting	Volume range (μL)	Increments(μL)	Usable tips
00-NPX2-2	Digital setting	0.1 - 2	0.002	BMT2-UT/UTWR/UTWRB, FUT/FUTRB
00-NPX2-10		0.5 - 10	0.01	BMT2-SS/SSR/SSRB, FSS/FSSRB
00-NPX2-20		2 - 20	0.02	BMT2-SG/SGR/SGRB, FSG/FSGRB
00-NPX2-100		10 - 100	0.1	BMT2-SG/SGR/SGRB, FSE/FSERB
00-NPX2-200		20 - 200	0.2	BMT2-SG/SGR/SGRB, FAG/FAGRB
00-NPX2-1000		100 - 1000	1	BMT2-LG/LGR/LGRB, FLG/FLGRB
00-NPX2-5000		1000 - 5000	10	BMT2-X/XR/XRB
00-NPX2-10000		1000 - 10000	10	BMT2-Z/ZR/ZRB

* See p.17-18 for tip selection.

Accuracy and Precision

Cat. No	Volume(μL)	Accuracy(%)	Precision(%)	Cat. No	Volume(μL)	Accuracy(%)	Precision(%)
00-NPX2-2	0.2	±12.0*	≤6.0*	00-NPX2-200	20	±1.0	≤0.5
	1	±5.0	≤2.5		100	±0.8	≤0.3
	2	±3.0	≤1.0		200	±0.8	≤0.2
00-NPX2-10	1	±4.0	≤3.0	00-NPX2-1000	100	±1.0	≤0.5
	5	±1.0	≤1.0		500	±0.8	≤0.3
	10	±1.0	≤0.5		1000	±0.7	≤0.2
00-NPX2-20	2	±5.0	≤3.0	00-NPX2-5000	1000	±1.0	≤0.3
	10	±1.0	≤1.0		2500	±0.8	≤0.3
	20	±1.0	≤0.4		5000	±0.6	≤0.2
00-NPX2-100	10	±2.0	≤1.0	00-NPX2-10000	1000	±2.0	≤0.4
	50	±1.0	≤0.3		5000	±0.8	≤0.3
	100	±0.8	≤0.3		10000	±0.4	≤0.2

*The AC and CV values are the values by use of the disposable tips described in the catalogue.

*The AC and CV at 0.1μL depend much on the operator's skill and the environment in which the pipette is used.

Nichiryo's quality starter packages

Nichipet EX II S-PAC

- Package type of 3 selected Pipettes with racked -Tips.
- Each package contains 3 Nichipet EX IIs, 3 sample racked tips and 3 tube openers.



Nichipet EX II S-PAC

Description	Cat. No	Content
Nichipet EX II S-PAC A	00-SP-A2	NPX2-10, NPX2-100, NPX2-1000 BMT2-SSR (0.5~10μL), BMT2-SGR (2~200μL), BMT2-LGR (100~1000μL), NTO
Nichipet EX II S-PAC B	00-SP-BN2	NPX2-20, NPX2-200, NPX2-1000 BMT2-SGR (2~200μL) x2, BMT2-LGR (100~1000μL), NTO
Nichipet EX II S-PAC H	00-SP-H2	NPX2-2, NPX2-10, NPX2-100 BMT2-UTWR (0.1~10μL) x2, BMT2-SSR (0.5~10μL), BMT2-SGR (2~200μL), NTO