

Autoclavable Micro Pipette

Nichipet® EXII

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.

- Hyper blower system, longer second-push stroke, improves dispensing efficiency. (2μL, 10μL)
- Easy and convenient single hand locking lever.
- 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.
- 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.

- 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.

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-SSW/SSWR/SSWRB, 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.19-20 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® EXII S-PAC

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



Nichipet EXII S-PAC

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