

Autoclavable Digital 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.



Ceramic plunger is used to prevent from corrosion by solvents. (200ul to 10000ul type)



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 larger than 200μL.
- Filtered Nozzles are used for volume models larger than 1000μL.
- 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/UTR, FUT/FUTRB
00-NPX2-10		0.5 - 10	0.01	BMT2-SS/SSR, FSS/FSSRB
00-NPX2-20		2 - 20	0.02	BMT2-SG/SGR, SE/SER, FSG/FSGRB
00-NPX2-100		10 - 100	0.1	BMT2-SG/SGR, SE/SER, FSG/FSGRB*, FSE/FSERB
00-NPX2-200		20 - 200	0.2	BMT2-SG/SGR, SE/SER, FSE/FSERB*, FAG/FAGRB
00-NPX2-1000		100 - 1000	1	BMT2-LG/LGR, LE/LER, FLG/FLGRB, FLE/FLERB
00-NPX2-5000		1000 - 5000	10	BMT2-X/XR
00-NPX2-10000		1000 - 10000	10	BMT2-Z/ZR

*The filters of NPX2-5000 and NPX2-10000 are not compatible with NPX-5000 and NPX-10000. Please find page 23-24.
*See P15-16 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-B2	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-UTR (0.1~10μL) x2, BMT2-SSR (0.5~10μL), BMT2-SGR (2~200μL), NTO