

Autoclavable Digital Micro Pipette

Nichipet EX II

Best Selling Model of Nichipet Series

- 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/FUTR
00-NPX2-10		0.5 - 10	0.01	BMT2-SS/SSR, FSS/FSSR
00-NPX2-20		2 - 20	0.02	BMT2-SG/SGR, SE/SER, FSG/FSGR
00-NPX2-100		10 - 100	0.1	BMT2-SG/SGR, SE/SER, FSG/FSGR*, FSE/FSER
00-NPX2-200		20 - 200	0.2	BMT2-SG/SGR, SE/SER, FSE/FSER*, FAG/FAGR
00-NPX2-1000		100 - 1000	1	BMT2-LG/LGR, LE/LER, FLG/FLGR, FLE/FLER
00-NPX2-5000		1000 - 5000	10	BMT2-X/XR
00-NPX2-10000		1000 - 10000	10	BMT2-Z/ZR

*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.