

Autoclavable Micro Pipette

Nichipet Premium

5-year warranty

Innovation in durability, strength, stability and comfort the latest model in Nichipet series



Enlarged and easy to read counter display for volume setting.



New material used for 4 notch-lock improves its strength, which minimizes the lever shift from the original position.



Non corrosive ceramic used in the plunger.
(100 μ L - 10000 μ L)



Materials used for pipette body have high tolerance to solvents and drop impact.



Seal ring for the Premium is tested dispensing / aspirating 600,000 times. Non-greased plunger makes it easy to maintain. (2 μ L - 1000 μ L)

The test was conducted by Nichiryo. The test result may vary with condition of usage.



Nozzle top has highly abrasion tolerant. (2 μ L - 1000 μ L)

Innovation in “Durability” and “Strength”

- Seal ring for the Premium is tested dispensing / aspirating 600,000 times.(2 μ L – 1000 μ L)
- Nozzle top is highly abrasion tolerant. (2 μ L – 1000 μ L)
- Non corrosive ceramic is used for the plunger. (100 μ L – 10mL)

Innovation in “Stability” and “Preciseness”

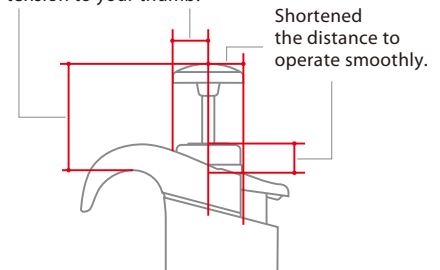
- Hyper Blower System, longer second-push stroke, improves dispensing efficiency. (2 μ L,10 μ L,20 μ L)
- Easy-Calibration function provides simple lab calibration.
- Hand temperature doesn't permeate through the body of the pipette which works to avoid affecting volume measurement. (Patented)

Innovation in “Fatigue-Free” and “Comfort”

- New round shape of the Premium mitigates fatigue and stress from heavy workload.
- Enlarged push button makes it easy to depress.
- White body color mitigates reflection of room light.

What's new!

Shortened to release tension to your thumb.



Specifications

Cat. No	Volume Setting	Volume range(μ L)	Increments(μ L)	Usable tips
00-NPP-2	Digital Setting	0.1 – 2	0.002	BMT2-UT/UTR, FUT/FUTR
00-NPP-10		0.5 – 10	0.01	BMT2-SS/SSR, FSS/FSSR
00-NPP-20		2 – 20	0.02	BMT2-SG/SGR, FSG/FSGR
00-NPP-100		10 – 100	0.1	BMT2-SG/SGR, FSG/FSGR*
00-NPP-200		20 – 200	0.2	BMT2-SG/SGR, FAG/FAGR
00-NPP-1000		100 – 1000	1	BMT2-LG/LGR, LE/LER, FLG/FLGR, FLE/FLER
00-NPP-5000		1000 – 5000	10	BMT2-X/XR
00-NPP-10000		1000 – 10000	10	BMT2-Z/ZR

*See p.15-16 for tip selection.

Accuracy and Precision

Cat. No	Volume(μ L)	Accuracy(%)	Precision(%)	Cat. No	Volume(μ L)	Accuracy(%)	Precision(%)
00-NPP-2	0.2	$\pm 12.0^*$	$\leq 6.0^*$	00-NPP-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-NPP-10	1	± 4.0	≤ 3.0	00-NPP-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-NPP-20	2	± 5.0	≤ 3.0	00-NPP-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-NPP-100	10	± 2.0	≤ 1.0	00-NPP-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 above are measured with the disposable tips described in the catalogue.

*The AC and CV at 0.2 μ L depend much on the sampling skill and the sampling condition where pipettes are used.