

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



Non corrosive ceramic used in the plunger (100μL - 10mL)



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

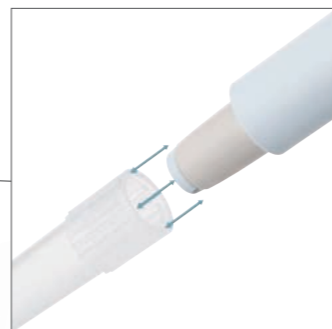
The test was conducted by Nichiryo. The test result may vary with condition of usage.



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



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



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

Innovation in "Durability" and "Strength"

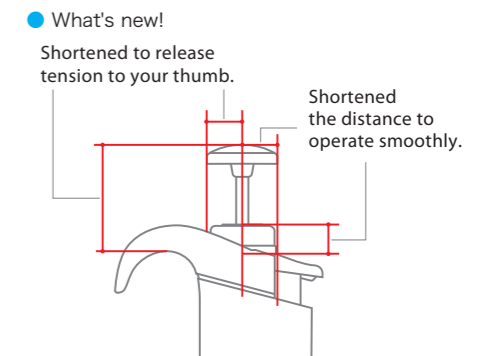
- Seal ring for the Premium is tested dispensing / aspirating 600,000 times. (2μL - 1000μL)
- Nozzle top is highly abrasion tolerant. (2μL - 1000μL)
- Non corrosive ceramic is used for the plunger (100μL - 10mL)

Innovation in "Stability" and "Preciseness"

- Hyper Blower System, longer second-push stroke, improves dispensing efficiency. (2μL, 10μL, 20μL)
- 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.



Specifications

Cat. No	Volume Setting	Volume range(μL)	Increments(μL)	Usable tips
00-NPP-2	Digital Setting	0.1 - 2	0.002	BMT-UT/UTR, CT-UT/UTR
00-NPP-10		0.5 - 10	0.01	BMT-SS/SSR, CT-SS/SSR
00-NPP-20		2 - 20	0.02	BMT-SG/SGR, CT-SG/SGR
00-NPP-100		10 - 100	0.1	BMT-SG/SGR, CT-SG/SGR
00-NPP-200		20 - 200	0.2	BMT-SG/SGR, CT-AG/AGR
00-NPP-1000		100 - 1000	1	BMT-L/LR, CT-L/LR
00-NPP-5000		1000 - 5000	10	BMT-X/XR
00-NPP-10000		1000 - 10000	10	BMT-Z

*See p.15-16 for tip selection.

Accuracy and Precision

Cat. No	Volume(μL)	Accuracy(%)	Precision(%)	Cat. No	Volume(μL)	Accuracy(%)	Precision(%)
00-NPP-2	0.2	±12.0*	≤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 0.2μL depend much on the sampling skill and the sampling condition where pipettes are used.