

Autoclavable Micro Pipette

Nichipet Premium LT

5-year warranty

New evolution of “Fatigue Free”
Lighter model of LT Debut!



This will not be worn out within the clean bench work and be enlarged easy to read the volume.



Non corrosive ceramic used in the plunger.
(100µL – 1000µL)



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



Keeps the same durability as Nichipet Premium and reduces less 70% stroke loading at maximum. Mitigates fatigue and stress from heavy workload.



New material used for 4 notches-lock improves its strength which minimizes the lever shifting and avoids drifting and wearing.

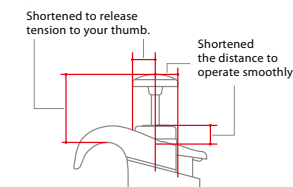


Material used has high tolerance to solvents and to drop impact. It is fully autoclavable as well.



Hyper blower system improves dispensing efficiency, especially on 2µL and on 10µL dispensing.

What's new!



Innovation in “Fatigue-Free” and “Comfort”

- New round shape of the Premium mitigates fatigue and stress from heavy workload.
- The durability still remain unchanged as Nichipet Premium has. Stroke loading of Nichipet Premium LT becomes less 70% at maximum than before.
- New design for reducing stroke loading and mitigating fatigue.

Innovation in “Durability” and “Strength”

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

Innovation in “Stability” and “Precision”

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

*All features of Nichipet EXII are available on Nichipet Premium LT.

Specifications

Cat. No	Volume Setting	Volume range(µL)	Increments(µL)	Usable tips
00-NLT-2	Digital Setting	0.1 – 2	0.002	BMT2-UT/UTWR/UTWRB, FUT/FUTRB
00-NLT-10		0.5 – 10	0.01	BMT2-SS/SSR/SSRB, FSS/FSSRB
00-NLT-20		2 – 20	0.02	BMT2-SG/SGR/SGRB, FSG/FSGRB
00-NLT-100		10 – 100	0.1	BMT2-SG/SGR/SGRB, FSE/FSERB
00-NLT-200		20 – 200	0.2	BMT2-SG/SGR/SGRB, FAG/FAGRB
00-NLT-1000		100 – 1000	1	BMT2-LG/LGR/LGRB, FLG/FLGRB

* See p.17-18 for tip selection.

Accuracy and Precision

Cat. No	Volume(µL)	Accuracy(%)	Precision(%)	Cat. No	Volume(µL)	Accuracy(%)	Precision(%)
00-NLT-2	0.2	±12.0*	≤6.0*	00-NLT-100	10	±2.0	≤1.0
	1	±5.0	≤2.5		50	±1.0	≤0.3
	2	±3.0	≤1.0		100	±0.8	≤0.3
00-NLT-10	1	±4.0	≤3.0	00-NLT-200	20	±1.0	≤0.5
	5	±1.0	≤1.0		100	±0.8	≤0.3
	10	±1.0	≤0.5		200	±0.8	≤0.2
00-NLT-20	2	±5.0	≤3.0	00-NLT-1000	100	±1.0	≤0.5
	10	±1.0	≤1.0		500	±0.8	≤0.3
	20	±1.0	≤0.4		1000	±0.7	≤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.

Nichiryo's quality starter packages

Nichipet Premium LT S-PAC

- Package type of 3 selected Pipettes with racked -Tips.
- Ready-to-start packages with 3 sizes of pipettes to perform high AC and CV pipetting.
- 3 packages are available to cover wide range of volume.



Nichipet Premium LT

3 pcs

Racked Tip

3 or 4 racks

Tube Opener

3 pcs



Nichiryo Tube Opener (code:00-NTO)

“Easier” and “safer” to open tube lid with holding pipette



- Attached on grip end, 0.5, 1.5 mL tube and screw cap can be opened easily.

*Compatible with Nichipet Premium LT (2-1000µL) and Nichipet EXII (2-1000µL)

Nichipet Premium LT S-PAC

Description	Cat. No	Content
Nichipet Premium LT S-PAC A	00-SP-AL	NLT-10, NLT-100, NLT-1000 BMT2-SSR (0.5~10µL), BMT2-SGR (2~200µL), BMT2-LGR (100~1000µL), NTO
Nichipet Premium LT S-PAC B	00-SP-BL	NLT-20, NLT-200, NLT-1000 BMT2-SGR (2~200µL) x2, BMT2-LGR (100~1000µL), NTO
Nichipet Premium LT S-PAC H	00-SP-HL	NLT-2, NLT-10, NLT-100 BMT2-UTWR (0.1~10µL) x2, BMT2-SSR (0.5~10µL), BMT2-SGR (2~200µL), NTO