

## Specifications

### Nichipet Premium LT

Cat. No.	Volume Setting	Volume range (μL)	Increments (μL)
00-NLT-2	Digital Setting	0.1-2	0.002
00-NLT-10		0.5-10	0.01
00-NLT-20		2-20	0.02
00-NLT-100		10-100	0.1
00-NLT-200		20-200	0.2
00-NLT-1000		100-1000	1

### Nichipet Premium

Cat. No.	Volume Setting	Volume range (μL)	Increments (μL)
00-NPP-2	Digital Setting	0.1-2	0.002
00-NPP-10		0.5-10	0.01
00-NPP-20		2-20	0.02
00-NPP-100		10-100	0.1
00-NPP-200		20-200	0.2
00-NPP-1000		100-1000	1
00-NPP-5000		1000-5000	10
00-NPP-10000		1000-10000	10

## Tips/Racked Tips (Autoclavable)

Cat. No.	Specifications	Volume range (μL)	Color	Q'ty (box)	Usable models	Cat. No.	Specifications	Volume range (μL)	Color	Q'ty (box)	Usable models
00-BMT2-UT	Bulk tip	0.1-10	Clear	1000pcs	NLT-2 NPP-2	00-BMT2-LG	Bulk tip	100-1000	Clear	1000pcs	NLT-1000 NPP-1000
00-BMT2-UTWR	Racked tip			(96pcs×10c/s)		00-BMT2-LGR	Racked tip			(96pcs×10c/s)	
00-BMT2-UTWRB	Racked tip (sterilized)					00-BMT2-LGRB	Racked tip (sterilized)				
00-BMT2-SS	Bulk tip	0.5-10		1000pcs	NLT-10 NPP-10	00-BMT2-X	Bulk tip	1000-5000		200pcs	NPP-5000
00-BMT2-SSR	Racked tip			(96pcs×10c/s)		00-BMT2-XR	Racked tip			(50pcs×2c/s)	
00-BMT2-SSRB	Racked tip (sterilized)					00-BMT2-XRB	Racked tip (sterilized)				
00-BMT2-SG	Bulk tip	2-200	1000pcs	NLT-20, 100, 200	00-BMT2-Z	Bulk tip	1000-10000	200pcs	NPP-10000		
00-BMT2-SGR	Racked tip		(96pcs×10c/s)		00-BMT2-ZR	Racked tip		(40pcs×2c/s)			
00-BMT2-SGRB	Racked tip (sterilized)				00-BMT2-ZRB	Racked tip (sterilized)					

## Accuracy and Precision

Cat. No.	Volume (μL)	Accuracy (%)	Precision (%)	Cat. No.	Volume (μL)	Accuracy (%)	Precision (%)
00-NLT-2 00-NPP-2	0.2	±12.0*1	≤6.0*1	00-NLT-200 00-NPP-200	20	±1.0	≤0.5
	1	±5.0	≤2.5		100	±0.8	≤0.3
00-NLT-10 00-NPP-10	2	±3.0	≤1.0	00-NLT-1000 00-NPP-1000	200	±0.8	≤0.2
	1	±4.0	≤3.0		100	±1.0	≤0.5
00-NLT-100 00-NPP-100	5	±1.0	≤1.0	00-NPP-5000	500	±0.8	≤0.3
	10	±1.0	≤0.5		1000	±0.7	≤0.2
00-NLT-20 00-NPP-20	2	±5.0	≤3.0	00-NPP-10000	1000	±1.0	≤0.3
	10	±1.0	≤1.0		2500	±0.8	≤0.3
00-NLT-100 00-NPP-100	20	±1.0	≤0.4	00-NPP-10000	5000	±0.6	≤0.2
	10	±2.0	≤1.0		1000	±2.0	≤0.4
00-NLT-100 00-NPP-100	50	±1.0	≤0.3	00-NPP-10000	5000	±0.8	≤0.3
	100	±0.8	≤0.3		10000	±0.4	≤0.2

\*1 The AC and CV at 0.2μL for NLT-2, NPP-2 depend much on the sampling skill and the sampling condition where pipettes are used.  
\*The AC and CV above are measured with the disposable tips described in the catalogue.

## Accessory



## Nichipet Premium S-PAC

Description	Cat. No.	Contents
Nichipet Premium S-PAC A	00-SP-AP	NPP-10, NPP-100, NPP-1000, BMT2-SSR (0.5-10μL), BMT2-SGR (2-200μL), BMT2-LGR (100-1000μL), Tube opener
Nichipet Premium S-PAC B	00-SP-BP	NPP-20, NPP-200, NPP-1000, BMT2-SGR (2-200μL)×2, BMT2-LGR (100-1000μL), Tube opener
Nichipet Premium S-PAC H	00-SP-HP	NPP-2, NPP-10, NPP-100, BMT2-UTWR (0.1-10μL)×2, BMT2-SSR (0.5-10μL), BMT2-SGR (2-200μL), Tube opener

\*For further information about exploded views and parts list, please refer to our website.

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# NICHIPET PREMIUM series

Nichipet Premium

Nichipet Premium LT



**NEW**  
Stroke loading  
Less 70% at  
maximum

**MADE  
IN  
JAPAN**

Never worn out, Never changing and Fatigue Free.  
Lighter model of LT Debut!

5-year warranty

The state of the art “Nichipet Premium”.  
That’s evolution from Nichipet Model.  
That’s Nichiryō’s accumulated advanced technology.

Carrying new technology for materials used in the inside components and outside body, strengthening its durability and prolonging its life in harsh laboratory conditions.

MADE IN JAPAN   UV Resistance   121°C SSS   5-year warranty

This can be valid for Nichipet Premium registered by a 5-year warranty registration form attached.

**NEW** **Nichipet Premium LT**

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



**Nichipet Premium**

Never worn out, Never changing and  
Fatigue Free Our Selected  
Standard Model of Nichipet Series.



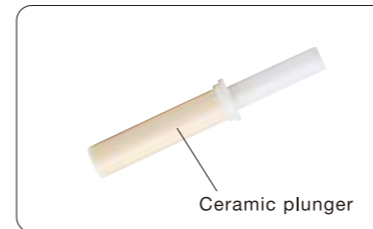
**Glass-made counter window**

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



**Lock mechanism**

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



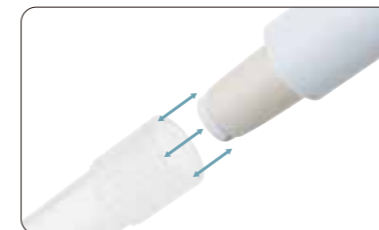
**Plunger**

Ceramic plunger is used to prevent from corrosion by solvents. (over 100µL type)



**Body**

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



**Nozzle**

Nozzle top is highly abrasion tolerant for 2µL through 1000µL.



**Hyper blower system**

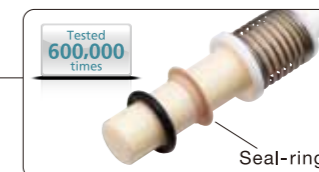
Hyper blower system improves dispensing efficiency, especially on 2µL and on 10µL dispensing.

**Nichipet Premium Special Feature**

- Seal-ring was tested dispensing/aspirating 600,000 times. (\*) **Non-greased plunger makes it easy to maintain.** (2µL through 1000µL)

\*The test was conducted by Nichiryō. The result may vary with the condition of the usage.

- Nozzle filter is built-in which minimize the sucking to the inside. (1000µL, 5000µL and 10000µL)
- Serial autoclaving will be possible because of non-grease.



**Nichipet Premium LT Special Feature**

The durability still remain unchanged as Nichipet Premium has.

Stroke loading becomes less 70% at maximum than before.



**What's new in design**

Shortened to mitigate tension to thumb.   Shortened the distance to operate more smoothly.

