

Autoclavable Micro Pipette

Nichipet Premium

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

5-year warranty



Enlarged and easy to read counter display for volume setting.



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



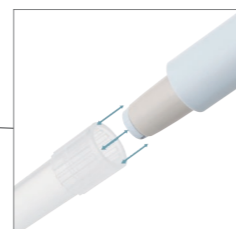
Seal ring for the Premium is tested dispensing / aspirating 600,000 times. Non-greased plunger makes it easy to maintain. (2μL - 1000μL)
The test was conducted by Nichiryo. The test result may vary with condition of usage.



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 - 10000μL)

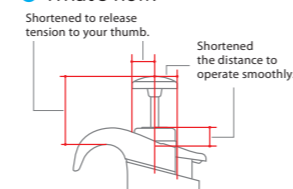
Innovation in "Stability" and "Precision"

- 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)

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

What's new!



Specifications

| Cat. No | Volume Setting | Volume range(μL) | Increments(μL) | Usable tips |
|--------------|-----------------|------------------|----------------|-------------------------------|
| 00-NPP-2 | Digital Setting | 0.1 - 2 | 0.002 | BMT2-UT/UTWR/UTWRB, FUT/FUTRB |
| 00-NPP-10 | | 0.5 - 10 | 0.01 | BMT2-SS/SSR/SSRB, FSS/FSSRB |
| 00-NPP-20 | | 2 - 20 | 0.02 | BMT2-SG/SGR/SGRB, FSG/FSGRB |
| 00-NPP-100 | | 10 - 100 | 0.1 | BMT2-SG/SGR/SGRB, FSE/FSERB |
| 00-NPP-200 | | 20 - 200 | 0.2 | BMT2-SG/SGR/SGRB, FAG/FAGRB |
| 00-NPP-1000 | | 100 - 1000 | 1 | BMT2-LG/LGR/LGRB, FLG/FLGRB |
| 00-NPP-5000 | | 1000 - 5000 | 10 | BMT2-X/XR/XRB |
| 00-NPP-10000 | | 1000 - 10000 | 10 | BMT2-Z/ZR/ZRB |

* See p.17-18 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.

Nichiryo's quality starter packages

Nichipet Premium 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.



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 (2-1000μL) and Nichipet EXII (2-1000μL)

Nichipet Premium S-PAC

| Description | Cat. No | Content |
|--------------------------|----------|---|
| 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), NTO |
| Nichipet Premium S-PAC B | 00-SP-BP | NPP-20, NPP-200, NPP-1000 BMT2-SGR(2~200μL)×2, BMT2-LGR(100~1000μL), NTO |
| 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), NTO |