

Autoclavable Micro Pipette

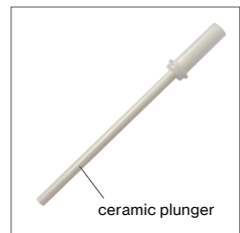
Nichipet[®] Premium

5years warranty is proof of high durability.

5-year warranty



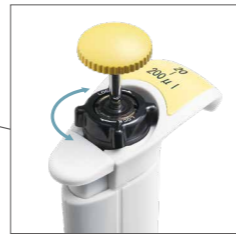
Enlarged and easy to read counter display for volume setting.



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



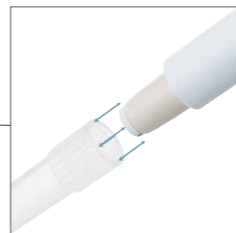
Seal ring for the Premium is tested dispensing / aspirating 600,000 times. Non-greased plunger makes it easy to maintain. (2 μ L - 200 μ L)
The test was conducted by Nichiryo. The test result may vary with condition of usage.



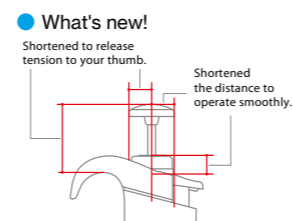
New material used for 4 notch-lock improves its strength, which minimizes the lever shift from the original position.



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



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



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.

- Since the volume indicator is made of glass, ultraviolet germicidal of the clean bench will not make it cloud.
- From prolonged irradiation, the surface layer of plastic may deteriorate or discolor, but its performance is not affected.

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/UTWR/UTWRB, FUT/FUTRB |
| 00-NPP-10 | | 0.5 - 10 | 0.01 | BMT2-SSW/SSWR/SSWRB, 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.19-20 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.

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.



Nichipet Premium

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 (2-1000 μ L) and Nichipet EXII (2-1000 μ L)

Nichipet Premium S-PAC

| Description | Cat. No | Content |
|--------------------------|----------|---|
| Nichipet Premium S-PAC A | 00-SP-AP | NPP-10, NPP-100, NPP-1000 BMT2-SSWR (0.5~10 μ L), BMT2-SGR (2~200 μ L), BMT2-LGR (100~1000 μ L), NTO |
| Nichipet Premium S-PAC B | 00-SP-BP | NPP-20, NPP-200, NPP-1000 BMT2-SGR (2~200 μ L) x 2, BMT2-LGR (100~1000 μ L), NTO |
| Nichipet Premium S-PAC H | 00-SP-HP | NPP-2, NPP-10, NPP-100 BMT2-UTWR (0.1~10 μ L) x 2, BMT2-SSWR (0.5~10 μ L), BMT2-SGR (2~200 μ L), NTO |