

Variable Repetitive Syringe Dispenser

Nichimate Stepper

- Up to 40 variations of dispensing.
- Suitable for dispensing viscous liquids due to the positive displacement system.
- Sterilized syringes are also available.
- Syringes for Eppendorf 4780 are fitted into Nichimate Stepper.
- Syringe is made of PP and Piston is of PE.
(Piston for NS-V is made of stainless.)



Syringes for Stepper

Specifications

Cat. No	Product name
00-NSTP	Nichimate Stepper

Accuracy and Precision

syringe	dial No	1	2	3	4	5	Accuracy(%)	Precision(%)
00-NS-V	0.05mL	1μL	2μL	3μL	4μL	5μL	±5	≤8.0 - ≤3.0
00-NS-S	0.5mL	10μL	20μL	30μL	40μL	50μL	±1.5	≤1.4 - ≤0.6
00-NS-M	1.25mL	25μL	50μL	75μL	100μL	125μL	±1.2	≤0.8 - ≤0.5
00-NS-N	2.5mL	50μL	100μL	150μL	200μL	250μL	±0.7	≤0.8 - ≤0.3
00-NS-L	5mL	100μL	200μL	300μL	400μL	500μL	±0.5	≤0.6 - ≤0.3
00-NS-X	12.5mL	250μL	500μL	750μL	1000μL	1250μL	±0.5	≤0.6 - ≤0.3
00-NS-Y	25mL	0.5mL	1mL	1.5mL	2mL	2.5mL	±0.3	≤0.6 - ≤0.3
00-NS-Z	50mL	1mL	2mL	3mL	4mL	5mL	±0.3	≤0.6 - ≤0.2
Maximum number of dispenses		48	23	15	11	8		

*NS-V requires use of BMT-UT tips. NS-Y/Z requires use of NS-ADP adaptor. Syringes are disposable.

● Syringes

Cat. No	Description	Q'ty(box)	Cat. No	Description	Q'ty(box)
00-NS-V	0.05mL syringe (with 100 BMT-UT tips)	100	00-NS-SB	0.5mL sterilized syringe	100
00-NS-S	0.5mL syringe	100	00-NS-MB	1.25mL sterilized syringe	100
00-NS-M	1.25mL syringe	100	00-NS-NB	2.5mL sterilized syringe	100
00-NS-N	2.5mL syringe	100	00-NS-LB	5.0mL sterilized syringe	100
00-NS-L	5.0mL syringe	100	00-NS-XB	12.5mL sterilized syringe	100
00-NS-X	12.5mL syringe	100	00-NS-ADPY	Attachment for 25mL (for 25mL Syringes / 00-NS-Y)	1
00-NS-Y	25.0mL syringe (with one attachment)	50	00-NS-ADPZ	Attachment for 50mL (for 50mL Syringes / 00-NS-Z)	1
00-NS-Z	50.0mL syringe (With one attachment)	25			

8-Channel Variable Repetitive Syringe Dispenser

MODEL 8800

- Syringe type 8 channel dispenser.
- Suitable for dispensing to 96 well micro plates.
- Up to eight syringes can be selected for dispensing into various types of tissue culture plates.
- Six different volumes between 10μL - 100μL.
- The dispensing speed can be altered.



Specifications

Cat. No	Description	Q'ty
00-8800	MODEL 8800 (cartridge A&B one each, syringe A&B eight each)	1

Accuracy and Precision

syringe	dial No	1	2	3	Accuracy(%)	Precision(%)
Syringe A (520μL)		10μL	20μL	40μL	±2.0	≤1.2
Syringe B (1300μL)		25μL	50μL	100μL		
Maximum number of dispenses		50	25	12	Size: 285×82×23mm (with syringes set)	