

Variable Repetitive Syringe Dispenser

MODEL 8100

- Up to 35 variations of dispensing
- Easy single handed operation
- Easy to change volume settings and syringes.
- Suitable for dispensing viscose liquids due to the positive displacement system.
- Autoclavable syringes. (121°C for 20 minutes, Except SG-V, N3, Z)
- Without using O-ring, SG-V, N3 and Z are more suitable for dispensing solvents.
- Slender syringe are easier to extract liquids from vials.
- Syringes and pistons are made from PP (N3, Z are made from PE).



Syringes for 8100



Specifications

Cat. No	Product name
00-8100	MODEL 8100

Accuracy and Precision

syringe	dial No	1	2	3	4	5	Accuracy(%)	Precision(%)
00-SG-V	0.06mL	1μL	2μL	3μL	4μL	5μL	± 2.5	≦ 2.5
00-SG-S	0.6mL	10μL	20μL	30μL	40μL	50μL	± 1.5	≦ 1.0
00-SG-M	1.5mL	25μL	50μL	75μL	100μL	125μL	± 1.2	≦ 1.1
00-SG-N3	3mL	50μL	100μL	150μL	200μL	250μL	± 1.0	≦ 0.9
00-SG-L	6mL	100μL	200μL	300μL	400μL	500μL	± 0.9	≦ 0.8
00-SG-Y	15mL	250μL	500μL	750μL	1000μL	1250μL	± 0.8	≦ 0.8
00-SG-Z	60mL	1mL	2mL	3mL	4mL	5mL	± 1.4	≦ 1.0
Maximum number of dispenses		58	28	18	13	10		

* Above data of SG-S and SG-M are taken with the syringe having a Nichiryo pipette tip (type TS) on the nozzle.

● Syringes

Cat. No	Description	Q'ty(bag)	Cat. No	Description	Q'ty(bag)
00-SG-V2	0.06mL syringe	100	00-SG-L	6mL syringe	100
00-SG-S	0.6mL syringe (with 100 TS tips)	100	00-SG-Y	15mL syringe	50
00-SG-M	1.5mL syringe (with 100 TS tips)	100	00-SG-Z	60mL syringe (With one adaptor)	50
00-SG-N3	3mL syringe	100	00-SG-ZA	Adaptor for 60mL syringe	1

Variable Repetitive Syringe Dispenser

Nichimate Stepper

- 40 variations of dispensing are enabled by 8 syringes and 5 stages.
- Suitable for dispensing viscose liquids due to the positive displacement system.
- Sterilized syringes are also available.
- 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	± 5.0	≦ 8.0
00-NS-S	0.5mL	10μL	20μL	30μL	40μL	50μL	± 1.7	≦ 1.8
00-NS-M	1.25mL	25μL	50μL	75μL	100μL	125μL	± 1.6	≦ 2.1
00-NS-N	2.5mL	50μL	100μL	150μL	200μL	250μL	± 1.2	≦ 1.7
00-NS-L	5mL	100μL	200μL	300μL	400μL	500μL	± 2.0	≦ 2.4
00-NS-X	12.5mL	250μL	500μL	750μL	1000μL	1250μL	± 1.1	≦ 1.7
00-NS-Y	25mL	0.5mL	1mL	1.5mL	2mL	2.5mL	± 1.2	≦ 1.2
00-NS-Z	50mL	1mL	2mL	3mL	4mL	5mL	± 1.5	≦ 1.7
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	5mL sterilized syringe	100
00-NS-L	5mL 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	25mL syringe (with one attachment)	50	00-NS-ADPZ	Attachment for 50mL (for 50mL Syringes / 00-NS-Z)	1
00-NS-Z	50mL syringe (with one attachment)	25			