

# DISPENSER

## 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 viscous liquids due to the positive displacement system.
- Syringes, exclusive of SG-V,N3,Z are autoclavable. ( 121°C for 20 minutes )
- 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	≤4.0 - ≤2.5
00-SG-S	0.6mL	10μL	20μL	30μL	40μL	50μL	±1.5	≤1.5 - ≤1.0
00-SG-M	1.5mL	25μL	50μL	75μL	100μL	125μL	±1.2	≤1.0 - ≤0.8
00-SG-N3	3mL	50μL	100μL	150μL	200μL	250μL	±1.0	≤0.9 - ≤0.6
00-SG-L	6mL	100μL	200μL	300μL	400μL	500μL	±0.8	≤0.8 - ≤0.4
00-SG-Y	15mL	250μL	500μL	750μL	1000μL	1250μL	±0.8	≤0.6 - ≤0.3
00-SG-Z	60mL	1mL	2mL	3mL	4mL	5mL	±1.0	≤1.0 - ≤0.5
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	6.0mL syringe	100
00-SG-S	0.6mL syringe (with 100 TS tips)	100	00-SG-Y	15.0mL syringe	50
00-SG-M	1.5mL syringe (with 100 TS tips)	100	00-SG-Z	60.0mL syringe (With one adapter)	50
00-SG-N3	3.0mL syringe	100	00-SG-ZA	Adapter for 60mL syringe	1