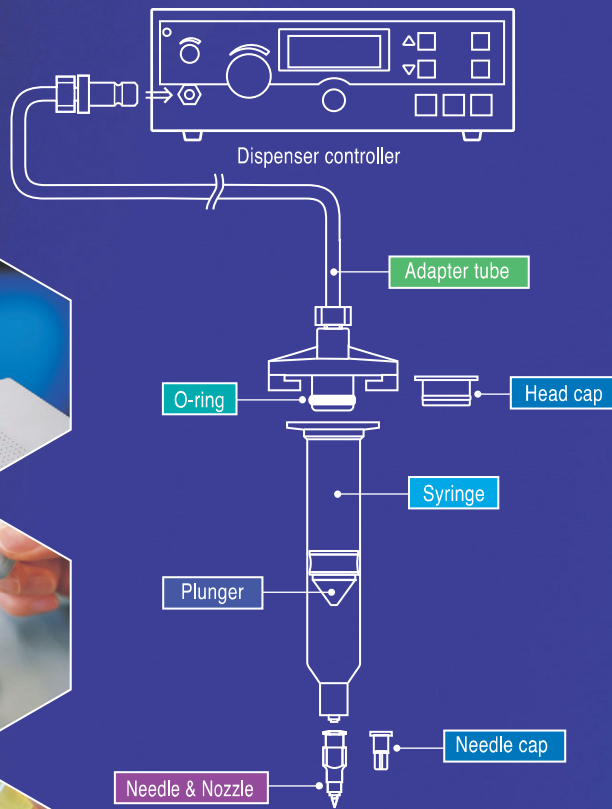
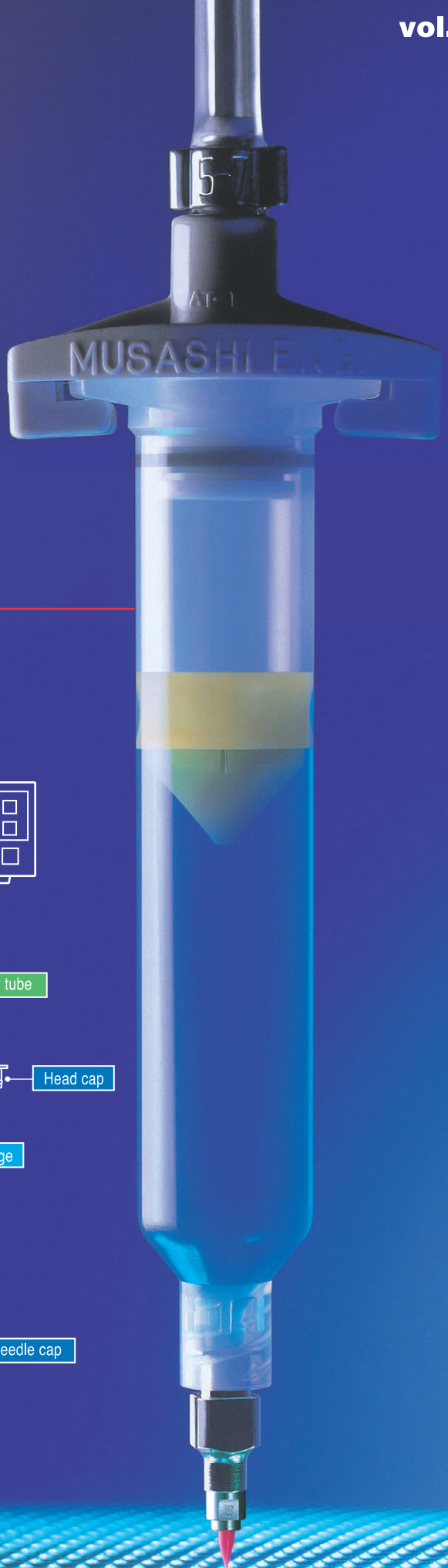


# PRECISION DISPENSER ACCESSORY SERIES

Parts and Accessories for Dispenser

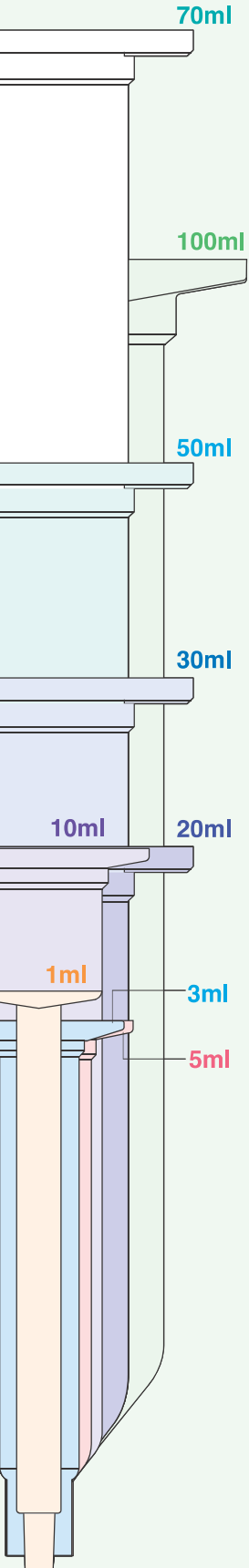


# Syringe for dispenser

## Syringes

### Syringe full scale drawing

※ You can confirm your syringe size by comparing with the drawing below.



### Clear syringe



Ungraduated



Graduated

Capacity	Ungraduated	Graduated	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order
	Model	Model		
1 ml	-	PSY-1E-M	84.4×18×ø6.6	50 pieces/ pack
		PSY-1E2-M	84×18×ø6.7	
3 ml	PSY-3E	-	80.1×24.3×ø11.7	
5 ml	PSY-5E	PSY-5E-M	80×27×ø14.9	
10 ml	PSY-10E	PSY-10E-M	105×32×ø18.3	
20 ml	PSY-20E	PSY-20E-M	105×45×ø26.2	
30 ml	PSY-30E	PSY-30E-M	130×45×ø26.2	
50 ml	PSY-50E	PSY-50E-M	161×45×ø26.2	
70 ml	PSY-70E	-	224.2×45×ø26.5	
100 ml	PSY-100E	-	191×60×ø35.8	

Material: Polypropylene ※ Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum at room temperature

- Features**
- Straight cylinder design
  - Silicone free
  - Original design minimizing expansion and contraction

### UV Block Syringe NEW



Ungraduated



Graduated

Capacity	Ungraduated	Graduated	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order
	Model	Model		
3 ml	PSY-3EU-OR	-	80×24.3×ø11.7	50 pieces/ pack
5 ml	PSY-5EU-OR	PSY-5EU-OR-M	80×27×ø14.9	
10 ml	PSY-10EU-OR	PSY-10EU-OR-M	105.3×32×ø18.3	
20 ml	PSY-20EU-OR	PSY-20EU-OR-M	105×45×ø26.1	
30 ml	PSY-30EU-OR	PSY-30EU-OR-M	129.7×45×ø26.2	
50 ml	PSY-50EU-OR	PSY-50EU-OR-M	160.8×45×ø26.1	
70 ml	PSY-70EU-OR	-	224.4×45×ø26.4	

Material: Polypropylene

- Features**
- Complete blockage of UV rays
  - Clearly visualized remaining liquid level provided by improved transmittance in visible light range
  - Excellent flowability

### Color syringe



Peppermint green

- Features**
- Best suited for managing products by liquid
  - Peppermint green syringe

Capacity	Ungraduated	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order
	Model		
5 ml	PSY-5E-PG	80.4×27×ø14.9	50 pieces/ pack
10 ml	PSY-10E-PG	105.5×32×ø18.3	
20 ml	PSY-20E-PG	105×45×ø26.2	
30 ml	PSY-30E-PG	130×45×ø26.2	
50 ml	PSY-50E-PG	161×45×ø26.2	

※ Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum at room temperature

### Antistatic syringe



- Features**
- Elimination of static electricity thanks to its conductive design

Capacity	Model	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order
10 ml	PSY-10E-SEP	105.5×32×ø18.3	50 pieces/ pack
30 ml	PSY-30E-SEP	130×45×ø26.2	
50 ml	PSY-50E-SEP	161.5×45×ø26.2	

Material: Polypropylene

※ Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum for PSY-10E-SEP and 0.3 MPa (3 kgf/cm<sup>2</sup>) maximum for PSY-30E-SEP and PSY-50E-SEP at room temperature

## Syringes

### Stainless syringe



#### Features

- Best suited for operations at high temperatures and pressures

Capacity	Model	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order	Capacity	Model	Dimensions (mm) (overall lg. x flange lg. x O.D.)	Minimum order	
1 ml	SSY-1B	85×18×φ6.6	1 piece	10 ml	SSY-10C	88×32×φ18	1 piece	
3 ml	SSY-3B	84×24×φ11		30 ml	SSY-30C	130×45×φ25.8		
5 ml	SSY-5C	80×27×φ14.7		50 ml	SSY-50C	161×45×φ25.8		
Material: SUS303				※Working pressure: 0.7 MPa (7 kgf/cm <sup>2</sup> ) maximum when using a special-made SUS adapter tube				
				0.5 MPa (5 kgf/cm <sup>2</sup> ) maximum when using a standard adapter tube				

Material: SUS303

※Working pressure: 0.7 MPa (7 kgf/cm<sup>2</sup>) maximum when using a special-made SUS adapter tube  
0.5 MPa (5 kgf/cm<sup>2</sup>) maximum when using a standard adapter tube

## Caps

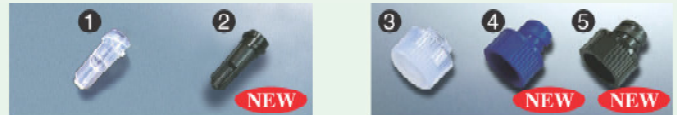
### Head cap



Syringe capacity	① For clear syringe	② For UV Block syringe	③ For clear syringe	Minimum order
	Model	Model	Model	
1 ml	HC-1E	-	HC-1E-H	50 pieces/ pack
3 ml	HC-3E	HC-3EU-B	-	
5 ml	HC-5E	HC-5EU-B	-	
10 ml	HC-10C	HC-10U-B	-	
20 to 70 ml	HC-50E	HC-50EU-B	-	
100 ml	HC-100E	-	-	

Material: Polyethylene

### Needle cap



Syringe capacity	Normal Type		Knurled Type			Minimum order
	① For clear syringe	② For UV Block syringe	③ For clear syringe	④ For clear syringe	⑤ For UV Block syringe	
Common for all sizes	Model	Model	Model	Model	Model	50 pieces/ pack
	NC-3E	NC-3EU-B	NC-5E	NC-7E	NC-7EU-B	

Material: ①, ② Polypropylene ③, ④, ⑤ Polyethylene

## Plunger (piston)

4-type lineup available in accordance with liquid characteristics and applications



For high-speed dispensing with high precision in micro volume

For excellent wiping performance

Looser

Fitting level against syringe

Tighter

#### Features

- High-precision dispensing with excellence in wiping performance
- These models are the syringe-specific plunger that is used in a syringe containing liquid to perform high-precision dispensing without any waste to the dispensing end.

Syringe capacity ml (cc)	FLP	MLP-R	MLP-B	MLP	Minimum order
	Model	Model	Model	Model	
1 ml	FLP-1E	-	-	-	50 pieces/ pack
3 ml	FLP-3E	-	-	-	
5 ml	FLP-5E	MLP-R-5E	MLP-B-5E	MLP-5E	
10 ml	FLP-10E	MLP-R-10E	MLP-B-10E	MLP-10E	
20 to 70 ml	FLP-50E	MLP-R-50E	MLP-B-50E	MLP-50E	
100 ml	FLP-100E	-	-	-	

Material: Polyethylene

## Other accessories

### Adapter tube



#### Features

- The tube to supply air pressure from the dispenser to the syringe

Adapter tube			Adapter tube O-ring			
Syringe capacity	Model	Length	Viton	Silicone	Nitrile rubber	Minimum order
			Model	Model	Model	
1 ml	AT-1BST, AT-1E	1m	AOV-1E	AOS-1E	AON-1*	20 pieces/ pack
3 ml	AT-3E		AOV-3*	AOS-3	AON-3	
5 ml	AT-5E		AOV-5E*	AOS-5E	AON-5E	
10 ml	AT-10E		AOV-10E*	AOS-10E	AON-10E	
20 to 70 ml	AT-50E		AOV-50E*	AOS-50E	AON-50E	
20 to 70 ml (for Σ)	AT-50E-SIGMA		AOV-50E*	AOS-50E	AON-50E	
100 ml	AT-100E		AOV-100E*	AOS-100E	-	

Adapter material: Polyacetal Tube material: Special elastomer resin  
Note: Each tube includes the ※-marked O-ring as a standard part.  
Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum

### Adapter tube O-ring



#### Features

- Spare O-ring for adapter tube
- Selectable in accordance with fluid characteristics

### Adapter tube for plastic connector



#### Features

- For the case that the plastic connector is used on the dispenser side

Syringe capacity	φ4 type (with tube clamp)	φ6 type (with tube clamp)	Length
	Model	Model	
3 ml	AT-3E-P4C	AT-3E-P6C	1m
5 ml	AT-5E-P4C	AT-5E-P6C	
10 ml	AT-10E-P4C	AT-10E-P6C	
20 to 70 ml	AT-50E-P4C	AT-50E-P6C	

Adapter material: Polyacetal  
Tube material: Special elastomer resin  
O-ring material: Viton  
Note: The tube length cannot be changed.  
Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum

### Antistatic adapter tube



#### Features

- Elimination of static electricity thanks to its conductive design
- We recommend that you use this product in conjunction with our antistatic syringe.

Syringe capacity	Model	Length
10 ml	AT-10E-SEP	1m
30, 50 ml	AT-50E-SEP	
30, 50 ml (for Σ)	AT-50E-SEP-SIGMA	

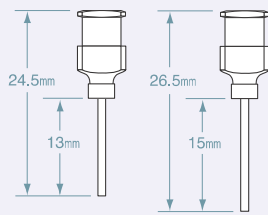
Adapter material: Polyacetal Tube material: Polyurethane  
O-ring material: Viton

Note: Tube length can be changed in the unit of 0.5 m.  
E.g.: To order a 1.5 m-length antistatic adapter tube for a 10 ml (cc) syringe, you need to specify "AT-10E-SEP-1.5M."  
Working pressure: 0.5 MPa (5 kgf/cm<sup>2</sup>) maximum

# Needles and nozzles for dispenser

## Metal needles

### Metal needle

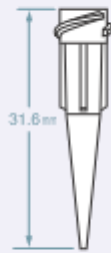


- Features**
- Adoption of durable SUS needle
  - Lineup of needle lengths, 13 mm and 15 mm

Gauge	O.D. (mm)	I.D. (mm)	Needle length: 13 (mm)	Needle length: 15 (mm)	Minimum order
			Model	Model	
12	φ2.77	φ2.27	SNA-12G-B	SNA-12G-C	60 pieces/ pack
13	φ2.40	φ1.94	SNA-13G-B	SNA-13G-C	
14	φ2.10	φ1.64	SNA-14G-B	SNA-14G-C	
15	φ1.83	φ1.43	SNA-15G-B	SNA-15G-C	
16	φ1.65	φ1.25	SNA-16G-B	SNA-16G-C	
17	φ1.49	φ1.11	SNA-17G-B	SNA-17G-C	
18	φ1.28	φ0.92	SNA-18G-B	SNA-18G-C	
19	φ1.08	φ0.72	SNA-19G-B	SNA-19G-C	
20	φ0.91	φ0.61	SNA-20G-B	SNA-20G-C	
21	φ0.82	φ0.52	SNA-21G-B	SNA-21G-C	
22	φ0.72	φ0.42	SNA-22G-B	SNA-22G-C	
23	φ0.64	φ0.34	SNA-23G-B	SNA-23G-C	
24	φ0.57	φ0.31	SNA-24G-B	SNA-24G-C	
25	φ0.52	φ0.26	SNA-25G-B	SNA-25G-C	
26	φ0.46	φ0.25	SNA-26G-B	SNA-26G-C	
27	φ0.42	φ0.21	SNA-27G-B	SNA-27G-C	
28	φ0.36	φ0.18	SNA-28G-B	SNA-28G-C	
30	φ0.32	φ0.14	SNA-30G-B	SNA-30G-C	

Needle material: SUS304 Base material: Brass (Nickel plated)

### Double thread screwed tapered nozzle

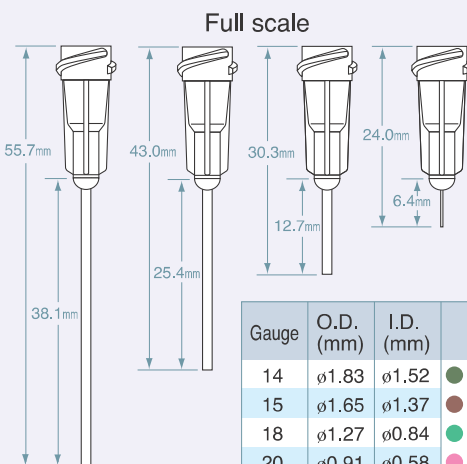


Gauge	O.D. (mm)	I.D. (mm)	Color	Model	Needle length	Minimum order
14	φ2.08	φ1.60	Brown	TPND-14G	31.6mm	50 pieces/ pack
16	φ2.08	φ1.19	Gray	TPND-16G		
18	φ1.50	φ0.84	Green	TPND-18G		
20	φ1.11	φ0.61	Pink	TPND-20G		
22	φ0.90	φ0.40	Blue	TPND-22G		
25	φ0.75	φ0.25	Red	TPND-25G		

Material: Polyethylene

- Features**
- For high viscosity material
  - Excellent fluidity of fluid thanks to tapered design resulting in best suitability for high-viscosity material dispensing

### Double thread screwed plastic needle



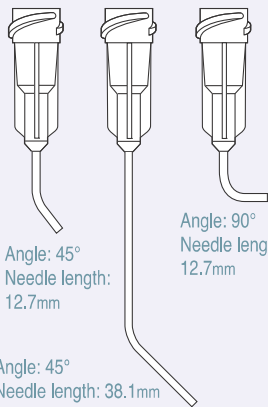
- Features**
- Reliable and sure fitting thanks to needle base with double thread screwed design
  - Secure needle mounting on syringe due to large four-vane design

Gauge	O.D. (mm)	I.D. (mm)	Color	Needle length: 6.4 (mm)	Needle length: 12.7 (mm)	Needle length: 25.4 (mm)	Needle length: 38.1 (mm)	Minimum order
				Model	Model	Model	Model	
14	φ1.83	φ1.52	Dark green	-	DPN-14G-1	DPN-14G-2	DPN-14G-3	50 pieces/ pack
15	φ1.65	φ1.37	Brown	-	DPN-15G-1	DPN-15G-2	DPN-15G-3	
18	φ1.27	φ0.84	Green	-	DPN-18G-1	DPN-18G-2	DPN-18G-3	
20	φ0.91	φ0.58	Pink	-	DPN-20G-1	DPN-20G-2	DPN-20G-3	
21	φ0.81	φ0.51	Purple	-	DPN-21G-1	DPN-21G-2	DPN-21G-3	
22	φ0.71	φ0.41	Blue	-	DPN-22G-1	DPN-22G-2	DPN-22G-3	
23	φ0.64	φ0.33	Orange	-	DPN-23G-1	DPN-23G-2	DPN-23G-3	
25	φ0.51	φ0.25	Red	-	DPN-25G-1	DPN-25G-2	DPN-25G-3	
27	φ0.41	φ0.20	Clear	-	DPN-27G-1	-	-	
30	φ0.30	φ0.15	Light purple	-	DPN-30G-1	-	-	
32	φ0.23	φ0.10	Yellow	DPN-32G-0	DPN-32G-1	-	-	

Needle material: SUS304 Base material: Polypropylene

## Metal needles

### Curve needle®



#### Features

- Best suited for dispensing to inner surfaces of workpieces
- Bend processing with excellent fluidity
- 2 kinds of angles available

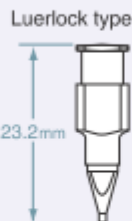
Gauge	O.D. (mm)	I.D. (mm)	Color	Angle: 45° Needle length: 12.7 (mm)	Angle: 45° Needle length: 38.1 (mm)	Angle: 90° Needle length: 12.7 (mm)	Minimum order
				Model	Model	Model	
14	φ1.83	φ1.52	● Dark green	CPN-14G-A45	CPN-14G-B45	CPN-14G-A90	50 pieces/ pack
15	φ1.65	φ1.37	● Brown	CPN-15G-A45	—	CPN-15G-A90	
18	φ1.27	φ0.84	● Green	CPN-18G-A45	CPN-18G-B45	CPN-18G-A90	
20	φ0.91	φ0.58	● Pink	CPN-20G-A45	—	CPN-20G-A90	
21	φ0.81	φ0.51	● Purple	CPN-21G-A45	CPN-21G-B45	CPN-21G-A90	
22	φ0.71	φ0.41	● Blue	CPN-22G-A45	—	CPN-22G-A90	
23	φ0.64	φ0.33	● Orange	CPN-23G-A45	—	CPN-23G-A90	
25	φ0.51	φ0.25	● Red	CPN-25G-A45	—	CPN-25G-A90	
27	φ0.41	φ0.20	○ Clear	CPN-27G-A45	—	CPN-27G-A90	
30	φ0.30	φ0.15	● Light purple	CPN-30G-A45	—	CPN-30G-A90	

Needle material: SUS304

Base material: Polypropylene

## High precision nozzles

### Precision nozzle

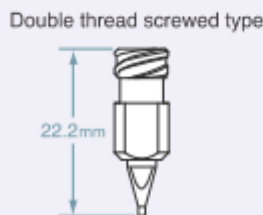


#### Features

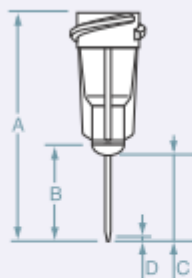
- This nozzle is suitable for materials containing fillers.
- Applicable to high-precision small volume dispensing

O.D. (mm)	I.D. (mm)	Model		Minimum order
		Luerlock type	Double thread screwed type	
φ0.80	φ0.60	HN-0.6N	HN-0.6ND	1 piece
φ0.70	φ0.50	HN-0.5N	HN-0.5ND	
φ0.60	φ0.40	HN-0.4N	HN-0.4ND	
φ0.50	φ0.30	HN-0.3N	HN-0.3ND	
φ0.45	φ0.25	HN-0.25N	HN-0.25ND	
φ0.40	φ0.20	HN-0.2N	HN-0.2ND	
φ0.25	φ0.15	HN-0.15N	HN-0.15ND	
φ0.20	φ0.10	HN-0.1N	HN-0.1ND	

Overall length: 23.2 mm Nozzle material: SUS303  
Base material: Brass (Nickel plated)



### Sharp needle™



Tip O.D. (mm)	I.D. (mm)	Color	A (mm)	B (mm)	C (mm)	D (mm)	Model	Minimum order
φ1.00	φ0.84	● Green	30.3	12.7	11.4	0.6	SPN-0.84-12.7L	50 pieces/ pack
φ0.74	φ0.58	● Pink	55.7	38.1	37.1	0.32	SPN-0.58-38.1L	
φ0.52	φ0.41	● Blue	55.7	38.1	37.1	0.4	SPN-0.41-38.1L	
φ0.44	φ0.33	● Orange	30.3	12.7	11.4	0.3	SPN-0.33-12.7L	
φ0.34	φ0.25	● Red	30.3	12.7	11.4	0.3	SPN-0.25-12.7L	
φ0.26	φ0.17	● Peppermint green	27.1	9.5	8.5	0.5	SPN-0.17-9.5L	25 pieces/ pack
φ0.19	φ0.12	● Gray	24.0	6.5	5.6	1.1	SPN-0.12-6.5L	

Needle material: SUS304 Base material: Polypropylene

A: Overall length B: Needle length C: Visible Needle length D: Tapered tip length



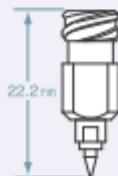
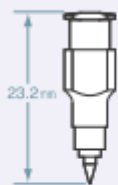
Enlarged drawing of needle tip

#### Features

- Applicable to small volume dispensing
- Tapered needle tip
- Needle base with double thread screwed design

# Needles and nozzles for dispenser

## Super-fine nozzle



O.D. (mm)	I.D. (mm)	Model		Minimum order
		Luerlock type	Double thread screwed type	
ø0.70	ø0.60	FN-0.60N	FN-0.60ND	1 piece
ø0.60	ø0.50	FN-0.50N	FN-0.50ND	
ø0.50	ø0.40	FN-0.40N	FN-0.40ND	
ø0.40	ø0.30	FN-0.30N	FN-0.30ND	
ø0.35	ø0.25	FN-0.25N	FN-0.25ND	
ø0.30	ø0.20	FN-0.20N	FN-0.20ND	
ø0.25	ø0.15	FN-0.15N	FN-0.15ND	
ø0.20	ø0.10	FN-0.10N	FN-0.10ND	
ø0.15	ø0.05	FN-0.05N	FN-0.05ND	
ø0.14	ø0.04	FN-0.04N	FN-0.04ND	
ø0.13	ø0.03	FN-0.03N	FN-0.03ND	
ø0.12	ø0.02	FN-0.02N	FN-0.02ND	

Overall length: 23.2 mm  
Base material: Brass (Nickel plated)

### Nozzle tip with 15-micrometer thickness type

O.D. (mm)	I.D. (mm)	Model		Minimum order
		Luerlock type	Double thread screwed type	
ø0.63	ø0.60	FN-0.60N-F	FN-0.60ND-F	1 piece
ø0.53	ø0.50	FN-0.50N-F	FN-0.50ND-F	
ø0.43	ø0.40	FN-0.40N-F	FN-0.40ND-F	
ø0.33	ø0.30	FN-0.30N-F	FN-0.30ND-F	
ø0.28	ø0.25	FN-0.25N-F	FN-0.25ND-F	
ø0.23	ø0.20	FN-0.20N-F	FN-0.20ND-F	
ø0.18	ø0.15	FN-0.15N-F	FN-0.15ND-F	
ø0.13	ø0.10	FN-0.10N-F	FN-0.10ND-F	
ø0.08	ø0.05	FN-0.05N-F	FN-0.05ND-F	
ø0.07	ø0.04	FN-0.04N-F	FN-0.04ND-F	
ø0.06	ø0.03	FN-0.03N-F	FN-0.03ND-F	
ø0.05	ø0.02	FN-0.02N-F	FN-0.02ND-F	

### Features

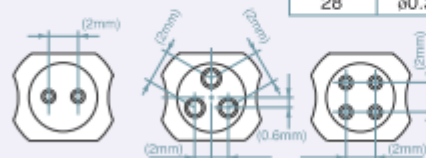
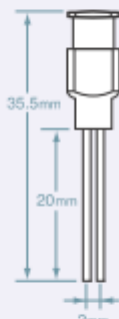
- Applicable to ultra-small volume dispensing and ultra-fine drawing
- 12 types from 20 μm at minimum to 600 μm of inner diameter available

## Special nozzles

### Multi-point dispensing needles



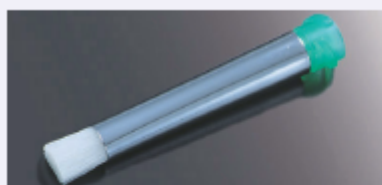
- Features**
- Applicable to multi-point simultaneous dispensing



Gauge	O.D. (mm)	I.D. (mm)	Needle length: 20mm		
			Twin needle (DN series)	3-pin needle (DN-3P series)	4-pin needle (DN-4P series)
16	ø1.67	ø1.19	DN-16G	-	-
17	ø1.56	ø1.04	DN-17G	-	-
18	ø1.22	ø0.86	DN-18G	DN-18G-3P	-
19	ø1.00	ø0.68	DN-19G	DN-19G-3P	-
20	ø0.91	ø0.58	DN-20G	DN-20G-3P	-
21	ø0.83	ø0.49	DN-21G	DN-21G-3P	DN-21G-4P
22	ø0.72	ø0.39	DN-22G	DN-22G-3P	DN-22G-4P
23	ø0.63	ø0.32	DN-23G	DN-23G-3P	DN-23G-4P
24	ø0.57	ø0.29	DN-24G	DN-24G-3P	DN-24G-4P
25	ø0.50	ø0.26	DN-25G	DN-25G-3P	DN-25G-4P
26	ø0.46	ø0.24	DN-26G	DN-26G-3P	DN-26G-4P
27	ø0.41	ø0.20	DN-27G	DN-27G-3P	DN-27G-4P
28	ø0.35	ø0.15	DN-28G	DN-28G-3P	DN-28G-4P

Needle material: SUS304 Base material: Brass (Nickel plated)

## Brush nozzle



### Features

- Applicable to wide-area surface dispensing
- Secure needle fitting on syringe thanks to double thread screwed design

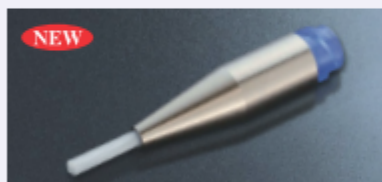


Model	Hardness	Brush material	Minimum order
BN-S1	Standard type	Polyester	1 piece
BN-S2	Soft type	Polyester	
BN-S3	Standard type	Polyester	
BN-S4	Soft type	Polyester	

### <External dimensions>

- BN-S1 and BN-S2  
Overall length: 41.2 mm Brush length: 6.4 mm  
Brush diameter: ø4.5 mm
- BN-S3 and BN-S4  
Overall length: 41.0 mm Brush length: 10.0 mm  
Brush diameter: ø2.0 mm

NEW



# Flexible response to customer's stepped-up needs

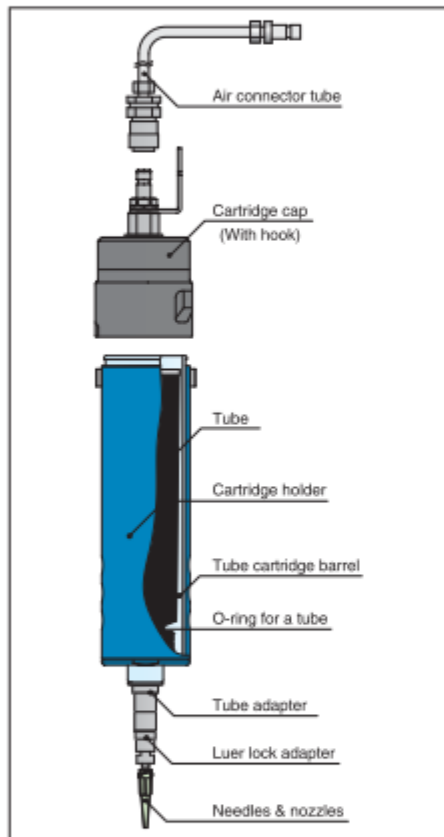
MUSASHI's high-performance cartridge can respond to conditions that use much higher volumes of material.

Three models are available to match your daily requirements and dispensing volume. A cartridge is also available for directly dispensing commercially available fluids that come in a tube.

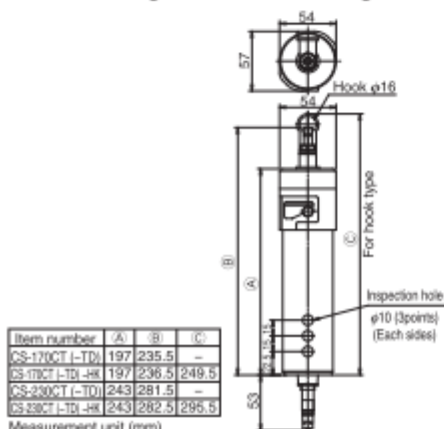
When connected to the dispensing controller, you can use it for various types of dispensing from manual jobs to automatic insert machines. You can dispense fluids cleanly, without getting them on your hands or spread around your shop.

## Tube cartridge

PAT.



### Tube cartridge dimension drawings



## Direct dispensing from commercially available tubes

This is a cartridge that allows users to directly set a commercially available liquid tube in this cartridge and directly perform constant volume dispensing.

### Tube cartridge (former: tube cartridge set)

	Item name	Item number	Weight	Quantity
Tube cartridge	[100g]	CS-170CT	378g	1
	[100g type TD]	CS-170CT-TD	378g	1
	[100g with hook]	CS-170CT-HK	388g	1
	[100g type TD with hook]	CS-170CT-TD-HK	388g	1
Tube cartridge	[200g]	CS-230CT	430g	1
	[200g type TD]	CS-230CT-TD	430g	1
	[200g with hook]	CS-230CT-HK	440g	1
	[200g type TD with hook]	CS-230CT-TD-HK	440g	1

- Note: 1. Select one of two tube cartridges depending on the capacity and liquid to be used. Contact our sales department after confirming the manufacturer, liquid type, and capacity of your using liquid tube.  
 2. Always applied pressure: 0.5MPa or less.  
 3. The tube cartridge consists of a cartridge holder, a cartridge cap, a barrel for tube cartridge, an O-ring (for tube adapter), a tube adapter, an O-ring (for luer lock adapter), and luer lock adapter.

### Tube cartridge components

Capacity	Item name	Item number (former model type)	Material	Quantity	
NET 100g	Cartridge holder [170mL tube use]	CH-170CT	Aluminum	1	
	Cartridge cap	[Without hook]	CC-P-001-1	—	Select either one
		[With hook]	CC-P-001-2	—	
	Tube cartridge barrel [170mL] *3 *5	PB-170BT	Polyethylene	1	
	O-ring for a tube *1	—	Fluororubber	1	
	O-ring (for a tube adapter) [Phi12 Material V Color B #1]	ORG-12-V-B-1 (CS-BT-003)	Fluororubber	1	
	Tube adapter	[No.3] *2 *3	P-TADP-3 (CS-BT-004)	Polypropylene	Select either one
		[No.2] *2 *3	P-TADP-2 (CS-BT-009)	Polypropylene	
	O-ring (for a luer lock adapter) [Phi8 Material V Color B #1]	ORG-8-V-B-1 (CS-BT-002)	Fluororubber	1	
	Luer lock adapter [No.1]	P-LADP-1 (CS-BT-001)	Fluorocarbon polymers *4	1	
NET 200g	Cartridge holder [230mL tube use]	CH-230C	Aluminum	1	
	Cartridge cap	[Without hook]	CC-P-001-1	—	Select either one
		[With hook]	CC-P-001-2	—	
	Tube cartridge barrel [230mL] *3 *5	PB-230BT	Polyethylene	1	
	O-ring for a tube *1	—	Fluororubber	1	
	O-ring (for a tube adapter) [Phi12 Material V Color B #1]	ORG-12-V-B-1 (CS-BT-003)	Fluororubber	1	
	Tube adapter	[No.3] *2 *3	P-TADP-3 (CS-BT-004)	Polypropylene	Select either one
		[No.2] *2 *3	P-TADP-2 (CS-BT-009)	Polypropylene	
	O-ring (for a luer lock adapter) [Phi8 Material V Color B #1]	ORG-8-V-B-1 (CS-BT-002)	Fluororubber	1	
	Luer lock adapter [No.1]	P-LADP-1 (CS-BT-001)	Fluorocarbon polymers *4	1	

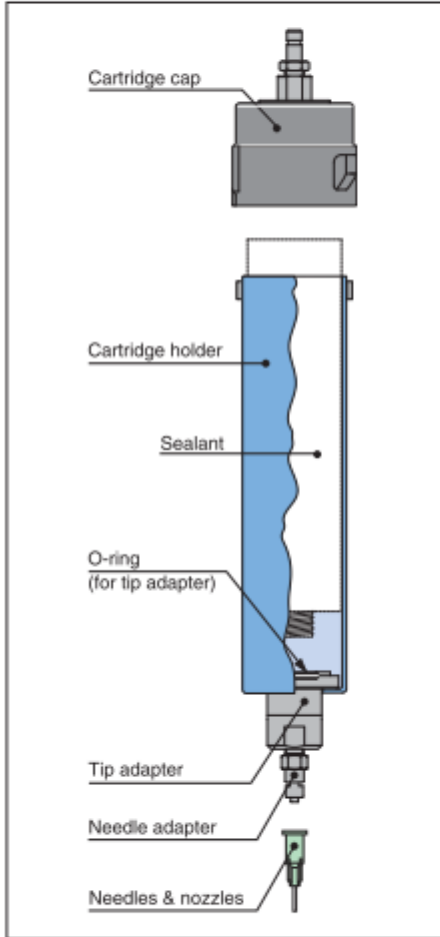
- \*1 Since the screw shapes of the end of the tube will vary, depending on the manufacturer, the types of tube adapters and O-rings for the tube will also vary. Note the manufacturer and capacity of your tubes, and then contact our sales office.  
 \*2 Either one of 2 types shall be selected regarding tube adapter depending on liquid to be used. Consult our sales division after confirming the manufacturer, liquid type, and capacity.  
 \*3 Barrels and tube adapters are consumption articles. We will recommend you have periodic replacement of them.  
 \*4 Wetted part is constructed of fluorocarbon polymers material, and luer lock part is metallic.  
 \*5 Use Musashi's 170mL type barrel for NET100g and Musashi's 230mL type barrel for NET200g.

## Inserable into all manufacturers' tubes



Note: This item needs to be selected in accordance with the liquid manufacturer's tube to be used. Contact our sales department.

## Sealant cartridge



## Direct constant volume dispensing of commercially available sealant

This cartridge is used for dispensing with a commercially available 330mL (cc) sealant.

### Sealant cartridge (former: sealant cartridge set (Resin specification))

Item name	Item number	Weight	Quantity
Sealant cartridge	[Type S]	SCS-330-S	505g
	[Type TB]	SCS-330-TB	505g
	[Type TR]	SCS-330-TR	505g
	[Type TS]	SCS-330-TS	505g
	[Type MI]	SCS-330-MI	515g
	[Type MO]	SCS-330-MO	505g
Sealant cartridge	[Type S with hook]	SCS-330-S-HK	515g
	[Type TB with hook]	SCS-330-TB-HK	515g
	[Type TR with hook]	SCS-330-TR-HK	515g
	[Type TS with hook]	SCS-330-TS-HK	515g
	[Type MI with hook]	SCS-330-MI-HK	525g
	[Type MO with hook]	SCS-330-MO-HK	515g

Note: 1. Always applied pressure: 0.5MPa or less.  
2. The sealant cartridge consists of a cartridge cap, a cartridge holder, an O-ring, a tip adapter, and a needle adapter.

### Sealant cartridge components

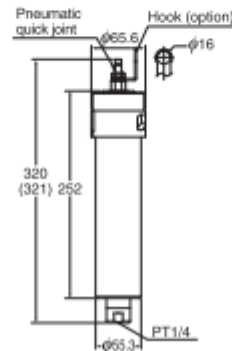
Item name	Item number	Material	Quantity
Cartridge cap	[Without hook]	Polyacetal	1
	[With hook]	Polyacetal/Stainless	1
Cartridge holder [for sealant]	SCS-P-002-1	Aluminum	1
O-ring	ORG-20-V-B-1 (SCS-P-003-1)	Fluororubber	1
Tip adapter	[Type TB]	Aluminum	1
	[Type S]	Aluminum	1
	[Type TR]	Aluminum	1
	[Type TS]	Aluminum	1
	[Type MI]	Aluminum	1
	[Type MO]	Aluminum	1
Needle adapter [No.11]	P-NADP-11 (NA-2)	Brass (Nickel plated)	1

Note: Select one of six tip adapters (TB, TR, S, TS, MI and MO) depending on the sealant to be used.  
Please contact our sales department.

### Consumable parts/options

Item name	Item number	Material	Quantity	
Packing	[No.23]	P-PKG-23 (SCS-P-001-1B)	Fluororubber	
	[No.15]	P-PKG-15 (SCS-P-004-1A)	Fluororubber	
Seal spring [cartridge cap use]	P-SSP-1 (SCS-P-001-1A)	-	1	
Seal retainer [cartridge cap use]	SCS-P-001-1C	Polyacetal		
Screw [No.17]	P-SCW-17 (SCS-P-001-1D)	SUS		
O-ring	[Phi20 Material V Color B #1]	ORG-20-V-B-1 (SCS-P-003-1)		Fluororubber
	[Phi16 Material V Color B #1] only for TS	ORG-16-V-B-1 (SCS-P-004-4A)		Fluororubber
	[Phi14 Material V Color B #1] only for TS	ORG-14-V-B-1 (SCS-P-004-4B)		Fluororubber
Hook for cartridge cap*	SCS-P-005-1	-		

\*Component count: 2 pieces



### Applicable to the sealants of all manufacturers

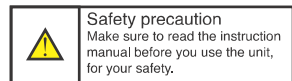


Note: This item needs to be selected in accordance with the liquid manufacturer's sealant to be used. Contact our sales department.



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武蔵エンジニアリング株式会社  
MUSASHI ENGINEERING, INC.



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