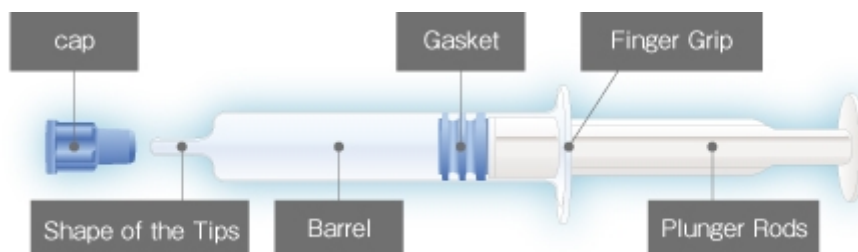


Pre-Filled Syringe

Single-Chamber

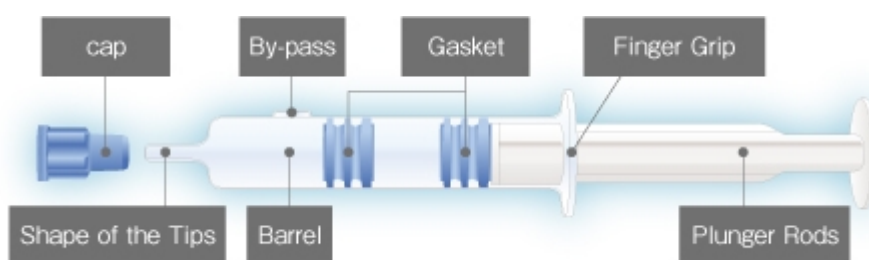
This product is a glass syringe type medicine container. The syringe is pre-filled with medication enabling quick response and use in emergencies. It not only reduces risk of bacterial contamination, introduction of foreign matter, and dosage mistakes but also cuts down on handling and preparation time.



CAPACITY (mL)	LENGTH (mm)	OD (mm)	ID (mm)	TIP SHAPE
1	64.0	8.15	6.35	Lure
1	66.3	8.8	6.4	Cartridge
2.25	65.5	10.85	8.65	Lure
3	68.3	10.85	8.65	Cartridge
5	79.0	14.85	12.45	Lure

Double-Chamber

This product is a glass syringe type medicine container. This is a double chamber type pre-filled syringe which can fill the same syringe with powdered medicine and dissolving solution and dissolve it just before administration.



CAPACITY (mL)	LENGTH (mm)	OD (mm)	ID (mm)	TIP SHAPE
3	64.0	10.65	8.65	Lure
3	75.0	12.0	9.6	Cartridge
5	77.9	14.85	12.45	Lure
5	66.0	14.85	12.45	Cartridge
10	85.0	20.0	18.0	Cartridge

Principle and Operation method

Generally, double-chamber-syringe is filled with freeze-dry agent in front chamber (point side) and solution, such as water for injection in back chamber (plunger rod side). When using, two agents will be blended (mixed) through by-pass and prepared for injection.



- **Step.1**

Remove point protector and fix needle securely

- **Step.2**

Push the plunger rod and ram gasket down.

- **Step.3**

Solution will flow into front chamber from back chamber through by-pass.

- **Step.4**

Solution and freeze-dry agent will be dissolved and mixed.

- **Step.5**

Confirm two agents will be well mixed.