



## SHANDONG CHENGWU MEDICAL PRODUCTS FACTORY

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**SHANDONG CHENGWU  
MEDICAL PRODUCTS FACTORY**





## Company Profile

Shangdong Chengwu Medical Products Factory was established in 1998. It is located in the Developmental Zone to the south of Chengwu county, with convenient transportation and beautiful environment. There are more than 800 employees with a management team made up of the senior and intermediate professionals. Covering an area of over 82,000 square meters, owning 100,000 grade purification workshop up to the standard of GMP with an area of more than 50,000 square meters and a domestic advanced physics and chemistry laboratory with full sets of biological testing equipment. Over the years, benefited from the government support, the clients' trust, coupled with the efforts of all the staff, our factory has made great progress. Its sales and service network has spread throughout all of China, Exports more than 100 countries.

We mainly produce disposable vacuum blood collection tubes, disposable venous blood specimen collection needles, disposable blood collection micro tube, disposable lancet, disposable infusion set and other medical supplies. Our products have been approved by Shandong Provincial Drug Administration, and they are in line with the medical device access qualification. In this field, we have referred to the advanced technology and management models of the same trade at home and abroad, accumulated a lot of experience and achieved the encouraging results. Our production and operation are advancing well, and there is a big increase in sales

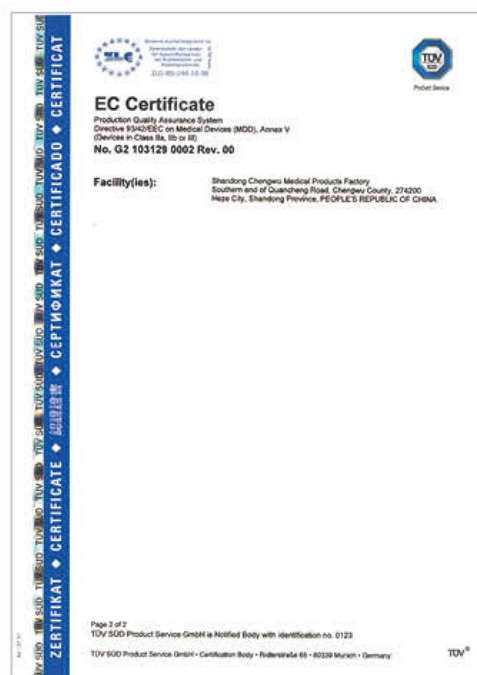
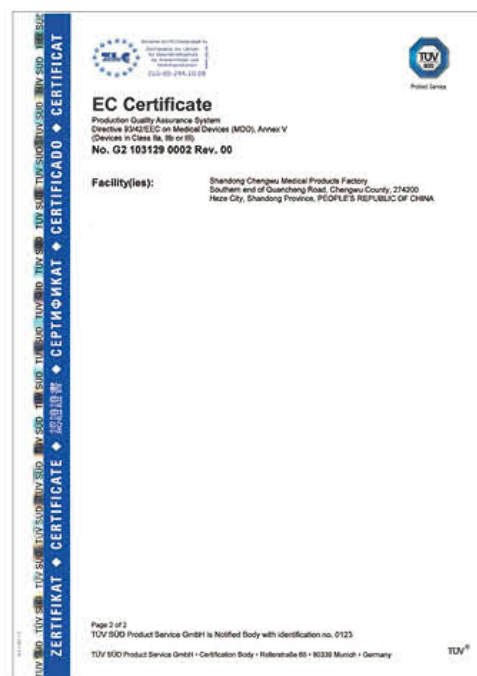
each year.

Adhering to the enterprising spirit: Benefiting the whole world as well as China, all the staff members are working hard for our brand. We believe that based on our exquisite products and excellent service, we are able to take the leading position in the same industry in the near future.





## Product Certificate



Disposable butterfly blood collection needle workshop



Disposable pen type blood collection needle workshop



Disposable vacuum blood collection tube workshop





| Category                     | Item                      | Additive                                                                         | Cap color | Tube material | Tube cap                                                                              | "Tube size (mm)" | Test Item                                                       |
|------------------------------|---------------------------|----------------------------------------------------------------------------------|-----------|---------------|---------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------|
| Serum Blood Collection Tube  | Plain Tube                | Plain                                                                            | Red       | Glass/Plastic |    | 13*75            | Clinical Biochemistry, Immunology and Serology Test             |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
|                              | Pro-coagulation Tube      | Clot Activator                                                                   | Red       | Glass/Plastic |    | 13*75            |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
|                              | Gel & Clot Activator Tube | Gel& Coagulant                                                                   | Yellow    | Glass/Plastic |    | 13*75            |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
| Whole Blood Collection Tube  | EDTA Tube                 | Sprayed K2EDTA/ Sprayed K3EDTA                                                   | Purple    | Glass/Plastic |    | 13*75            | Haematology Test (Blood Routine Examination)                    |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
|                              | ESR Tube                  | 3.8% Sodium Citrate Buffer(0.129mol/L)<br>3.2% Sodium Citrate Buffer(0.109mol/L) | Black     | Glass/Plastic |   | 13*75            | Erythrocyte Sedimentation Rate Test                             |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
| Plasma Blood Collection Tube | Coagulation Tube          | 3.2% Sodium Citrate Buffer(0.109mol/L)                                           | Blue      | Glass/Plastic |  | 13*75            | Coagulation Function Test                                       |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
|                              | Heparin Tube              | Sodium Heparin / Lithium Heparin                                                 | Green     | Glass/Plastic |  | 13*75            | Clinical Chemistry for Emergency Treatment, Blood Rheology Test |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |
|                              | Glucose Tube              | Sodium Fluoride & EDTA K2/ Sodium Fluoride& EDTA Na2                             | Grey      | Glass/Plastic |  | 13*75            | Glucose and Lactate Test                                        |
|                              |                           |                                                                                  |           |               |                                                                                       | 13*100           |                                                                 |
|                              |                           |                                                                                  |           |               |                                                                                       | 16*100           |                                                                 |

## Serum Blood Collection Tube

Serum blood collection tube promises to provide non-polluting and non-differential original blood specimen for medical test. After centrifugation, serum can be separated from blood cells and fibrin effectively. Serum tube includes 3 kinds of tube: Plain Tube with red cap, Pro-coagulation Tube with red cap and Gel&Clot Activator Tube with yellow cap.

### No Additive Tube



Plain Tube aims to obtain serum specimen for biochemistry, immunology and serology tests in clinical inspection. Its main merit is that serum separate out of blood cells and fibrin naturally, so its physico-chemical properties are keeping nonpolluted. The intact serum is suitable for a wide range of laboratory operation, routine clinical chemistry, immunology and serology.

| Item       | Specification  |                | Q' ty/Cs |
|------------|----------------|----------------|----------|
| CY-101NA2  | Red cap, Plain | 13*75mm, 2ml   | 1200     |
| CY-101NA3  | Red cap, Plain | 13*75mm, 3ml   | 1200     |
| CY-101NA4  | Red cap, Plain | 13*75mm, 4ml   | 1200     |
| CY-101NA5  | Red cap, Plain | 13*75mm, 5ml   | 1200     |
| CY-101NA6  | Red cap, Plain | 13*100mm,6ml   | 1200     |
| CY-101NA7  | Red cap, Plain | 13*100mm, 7ml  | 1200     |
| CY-101NA8  | Red cap, Plain | 16*100mm,8ml   | 1200     |
| CY-101NA9  | Red cap, Plain | 16*100mm, 9ml  | 1200     |
| CY-101NA10 | Red cap, Plain | 16*100mm, 10ml | 1200     |



### Clot Activator Tube

Pro-coagulation Tube aims to obtain serum specimen, which is used for biochemistry and immunology tests. The interior wall is finely coated with coagulant which may promote the blood coagulation after collection. The appropriate amount of coagulant make blood coagulation in a relatively short time, avoiding potential hemolysis problem which caused by too rapid clotting. Finally, transparent serum can be separated after centrifugation.



| Item       | Specification           |                | Q' ty/Cs |
|------------|-------------------------|----------------|----------|
| CY-102CA2  | Red cap, Clot Activator | 13*75mm, 2ml   | 1200     |
| CY-102CA3  | Red cap, Clot Activator | 13*75mm, 3ml   | 1200     |
| CY-102CA4  | Red cap, Clot Activator | 13*75mm, 4ml   | 1200     |
| CY-102CA5  | Red cap, Clot Activator | 13*75mm, 5ml   | 1200     |
| CY-102CA6  | Red cap, Clot Activator | 13*100mm, 6ml  | 1200     |
| CY-102CA7  | Red cap, Clot Activator | 13*100mm, 7ml  | 1200     |
| CY-102CA8  | Red cap, Clot Activator | 16*100mm, 8ml  | 1200     |
| CY-102CA9  | Red cap, Clot Activator | 16*100mm, 9ml  | 1200     |
| CY-102CA10 | Red cap, Clot Activator | 16*100mm, 10ml | 1200     |

### Gel& Clot Activator Tube

Gel& Clot Activator Tube aims to obtain high quality serum specimen for biochemistry, immunology and serology tests in clinical inspection, inside the tube there is some gel present at the bottom, which is a pure substance and is very stable in physico-chemistry properties. Otherwise, the gel can avoid high-temperature decomposition and small molecules precipitation, hence it greatly reduces the risk of testing equipment clogging.



| Item        | Specification                            |                | Q' ty/Cs |
|-------------|------------------------------------------|----------------|----------|
| CY-103SGC2  | Yellow cap, Separate Gel+ Clot Activator | 13*75mm, 2ml   | 1200     |
| CY-103SGC3  | Yellow cap, Separate Gel+ Clot Activator | 13*75mm, 3ml   | 1200     |
| CY-103SGC4  | Yellow cap, Separate Gel+ Clot Activator | 13*75mm, 4ml   | 1200     |
| CY-103SGC5  | Yellow cap, Separate Gel+ Clot Activator | 13*100mm, 5ml  | 1200     |
| CY-103SGC6  | Yellow cap, Separate Gel+ Clot Activator | 13*100mm, 6ml  | 1200     |
| CY-103SGC7  | Yellow cap, Separate Gel+ Clot Activator | 16*100mm, 7ml  | 1200     |
| CY-103SGC8  | Yellow cap, Separate Gel+ Clot Activator | 16*100mm, 8ml  | 1200     |
| CY-103SGC9  | Yellow cap, Separate Gel+ Clot Activator | 16*100mm, 9ml  | 1200     |
| CY-103SGC10 | Yellow cap, Separate Gel+ Clot Activator | 16*100mm, 10ml | 1200     |

### Whole Blood Collection Tube

Whole blood collection tube promises to provide non-polluting and non-differential original blood specimen for medical test, doesn't require separation of plasma or cells. It includes 2 kinds of tube: EDTA Tube with Purple cap, ESR Tube with black cap.

#### EDTA Tube



EDTA Tube is widely used for clinical haematology test, especially for routine blood examination. Our automatic sampling instrument finely and accurately spray additives onto the interior tube wall, to ensure the mixing speed and the anticoagulation effect. EDTA Tube is very convenient to use for it can be directly put on the analyzer to detect without opening the cap.

| Item         | Specification       |                | Q' ty/Cs |
|--------------|---------------------|----------------|----------|
| CY-104EK2-2  | Purple cap, EDTA K2 | 13*75mm, 2ml   | 1200     |
| CY-104EK2-3  | Purple cap, EDTA K2 | 13*75mm, 3ml   | 1200     |
| CY-104EK2-4  | Purple cap, EDTA K2 | 13*75mm, 4ml   | 1200     |
| CY-104EK2-5  | Purple cap, EDTA K2 | 13*75mm, 5ml   | 1200     |
| CY-104EK2-6  | Purple cap, EDTA K2 | 13*100mm, 6ml  | 1200     |
| CY-104EK2-7  | Purple cap, EDTA K2 | 13*100mm, 7ml  | 1200     |
| CY-104EK2-8  | Purple cap, EDTA K2 | 16*100mm, 8ml  | 1200     |
| CY-104EK2-9  | Purple cap, EDTA K2 | 16*100mm, 9ml  | 1200     |
| CY-104EK2-10 | Purple cap, EDTA K2 | 16*100mm, 10ml | 1200     |
| CY-104EK3-2  | Purple cap, EDTA K3 | 13*75mm, 2ml   | 1200     |
| CY-104EK3-3  | Purple cap, EDTA K3 | 13*75mm, 3ml   | 1200     |
| CY-104EK3-4  | Purple cap, EDTA K3 | 13*75mm, 4ml   | 1200     |
| CY-104EK3-5  | Purple cap, EDTA K3 | 13*75mm, 5ml   | 1200     |
| CY-104EK3-6  | Purple cap, EDTA K3 | 13*100mm, 6ml  | 1200     |
| CY-104EK3-7  | Purple cap, EDTA K3 | 13*100mm, 7ml  | 1200     |
| CY-104EK3-8  | Purple cap, EDTA K3 | 16*100mm, 8ml  | 1200     |
| CY-104EK3-9  | Purple cap, EDTA K3 | 16*100mm, 9ml  | 1200     |
| CY-104EK3-10 | Purple cap, EDTA K3 | 16*100mm, 10ml | 1200     |



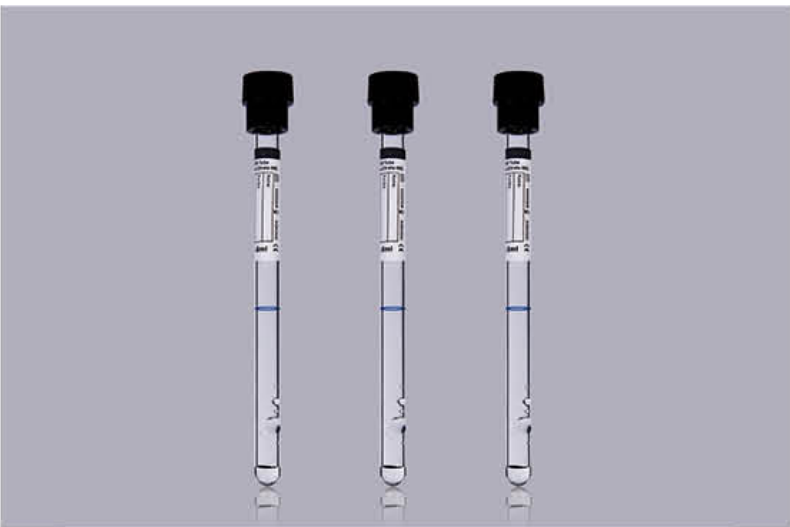
## ESR Tube



ESR Tube is mainly used for Erythrocyte Sedimentation Rate test, it contains buffered Sodium Citrate solution with the concentration of 3.8%(0.129mol/L)3.2%(0.109mol/L). The mixing ratio of blood to Sodium Citrate is 4:1. It is suitable for the ESR tests for subjects of different gender and ages, with highly related coefficient comparing with the westertren method.

| Item          | Specification  |                 | Q' ty/Cs |
|---------------|----------------|-----------------|----------|
| CY-105SC-1.28 | Black cap, ESR | 13*75mm, 1.28ml | 1200     |
| CY-105SC-1.6  | Black cap, ESR | 13*75mm, 1.6ml  | 1200     |
| CY-105SC-2.4  | Black cap, ESR | 13*75mm, 2.4ml  | 1200     |
| CY-105SC-3.2  | Black cap, ESR | 13*75mm, 3.2ml  | 1200     |
| CY-105SC-6    | Black cap, ESR | 13*100mm, 6ml   | 1200     |
| CY-105SC-7    | Black cap, ESR | 13*100mm, 7ml   | 1200     |
| CY-105SC-8    | Black cap, ESR | 13*100mm, 8ml   | 1200     |
| CY-105SC-9    | Black cap, ESR | 16*100mm, 9ml   | 1200     |

## Slender ESR Tube



ESR Detector

Condition: Within 6 hours to finish the testing.

Lab temperature:8 to 25℃

Instructions:

- 1、Put the ESR detector on the level place.
- 2、Using the ESR tube to collect the blood and mixing well.
- 3、Put the tube upright on the ESR detector. The tube blue graduation line flush with rack top.
- 4、Wait 60mins, then read the data that the level of blood go down.

Advantage:

Junnuo ESR Fast Dectector have a Particular organic glass structure that make the ESR tubes fixed fast and simply, promise it the perpendicular degree of the level direction, and can conveniently adjust the horizon of ESR tubes samples.

| Item           | Specification  |                 | Q' ty/Cs |
|----------------|----------------|-----------------|----------|
| CY-105ESR-1.28 | Black cap, ESR | 8*120mm, 1.28ml | 1200     |
| CY-105ESR-1.6  | Black cap, ESR | 8*120mm, 1.6ml  | 1200     |

## Plasma Blood Collection Tube

Plasma blood collection tube promises to provide non-pulluting and non-different original blood specimen for medical test. After centrifugation, plasma can be separated from blood cells effectively. Plasma tube includes 5 kinds of tubes: Clotting Tube with blue cap, Heparin Tube with green cap, compound of Sodium Fluoride and Anticoagulant Tube with grey cap.

## Coagulation Tube



Coagulation Tube aims to obtain plasma specimen for coagulation funciton test, it contains buffered Sodium Citrate solution with the concentration of 3.8%(0.129mol/L)/3.2%(0.109mol/L). The mixing ratio of blood to Sodium Citrate is 9:1. This anticoagulant is sustained and stable, it strictly control the microbial limit, making sure the APTT test under the excellent condition.

| Item         | Specification                 |                | Q' ty/Cs |
|--------------|-------------------------------|----------------|----------|
| CY-106SC-1.8 | Blue cap, 3.8% Sodium citrate | 13*75mm, 1.8ml | 1200     |
| CY-106SC-2.7 | Blue cap, 3.8% Sodium citrate | 13*75mm, 2.7ml | 1200     |
| CY-106SC-3.6 | Blue cap, 3.8% Sodium citrate | 13*75mm, 3.6ml | 1200     |
| CY-106SC-4.5 | Blue cap, 3.8% Sodium citrate | 13*75mm, 4.5ml | 1200     |
| CY-106SC-6   | Blue cap, 3.8% Sodium citrate | 13*100mm, 6ml  | 1200     |
| CY-106SC-7   | Blue cap, 3.8% Sodium citrate | 13*100mm, 7ml  | 1200     |
| CY-106SC-8   | Blue cap, 3.8% Sodium citrate | 13*100mm, 8ml  | 1200     |
| CY-106SC-9   | Blue cap, 3.8% Sodium citrate | 16*100mm, 9ml  | 1200     |
| CY-106SC-10  | Blue cap, 3.8% Sodium citrate | 16*100mm, 10ml | 1200     |
| CY-106ST-1.8 | Blue cap, 3.2% Sodium citrate | 13*75mm, 1.8ml | 1200     |
| CY-106ST-2.7 | Blue cap, 3.2% Sodium citrate | 13*75mm, 2.7ml | 1200     |
| CY-106ST-3.6 | Blue cap, 3.2% Sodium citrate | 13*75mm, 3.6ml | 1200     |
| CY-106ST-4.5 | Blue cap, 3.2% Sodium citrate | 13*75mm, 4.5ml | 1200     |
| CY-106ST-6   | Blue cap, 3.2% Sodium citrate | 13*100mm, 6ml  | 1200     |
| CY-106ST-7   | Blue cap, 3.2% Sodium citrate | 13*100mm, 7ml  | 1200     |
| CY-106ST-8   | Blue cap, 3.2% Sodium citrate | 13*100mm, 8ml  | 1200     |
| CY-106ST-9   | Blue cap, 3.2% Sodium citrate | 16*100mm, 9ml  | 1200     |
| CY-106ST-10  | Blue cap, 3.2% Sodium citrate | 16*100mm, 10ml | 1200     |





### Heparin Tube



Heparin Tube aims to obtain plasma specimen, which is used not only for emergency biochemistry tests but also for blood rheology test. Inside the tube wall, where is well sprayed with lithium heparin or sodium heparin which is a kind of antic oagulant activating antithrombins to block the coagulation cascade reaction.

| Item        | Specification              |                | Q' ty/Cs |
|-------------|----------------------------|----------------|----------|
| CY-107HS-2  | Green cap, Heparin Sodium  | 13*75mm, 2ml   | 1200     |
| CY-107HS-3  | Green cap, Heparin Sodium  | 13*75mm, 3ml   | 1200     |
| CY-107HS-4  | Green cap, Heparin Sodium  | 13*75mm, 4ml   | 1200     |
| CY-107HS-5  | Green cap, Heparin Sodium  | 13*75mm, 5ml   | 1200     |
| CY-107HS-6  | Green cap, Heparin Sodium  | 13*100mm, 6ml  | 1200     |
| CY-107HS-7  | Green cap, Heparin Sodium  | 13*100mm, 7ml  | 1200     |
| CY-107HS-8  | Green cap, Heparin Sodium  | 13*100mm, 8ml  | 1200     |
| CY-107HS-9  | Green cap, Heparin Sodium  | 16*100mm, 9ml  | 1200     |
| CY-107HS-10 | Green cap, Heparin Sodium  | 16*100mm, 10ml | 1200     |
| CY-107HL-2  | Green cap, Heparin Lithium | 13*75mm, 2ml   | 1200     |
| CY-107HL-3  | Green cap, Heparin Lithium | 13*75mm, 3ml   | 1200     |
| CY-107HL-4  | Green cap, Heparin Lithium | 13*75mm, 4ml   | 1200     |
| CY-107HL-5  | Green cap, Heparin Lithium | 13*75mm, 5ml   | 1200     |
| CY-107HL-6  | Green cap, Heparin Lithium | 13*100mm, 6ml  | 1200     |
| CY-107HL-7  | Green cap, Heparin Lithium | 13*100mm, 7ml  | 1200     |
| CY-107HL-8  | Green cap, Heparin Lithium | 13*100mm, 8ml  | 1200     |
| CY-107HL-9  | Green cap, Heparin Lithium | 16*100mm, 9ml  | 1200     |
| CY-107HL-10 | Green cap, Heparin Lithium | 16*100mm, 10ml | 1200     |

### Glucose Tube



Compound of Sodium Fluoride and Anticoagulant Tube aims to obtain highly stable plasma for blood glucose testing. Sodium Fluoride is a kind of inhibitor of glucose degradation, it has the function of repressing glucose metabolism and degradation. Optional Anticoagulant are Sodium Fluoride+EDTA K2. They could prevent blood coagulation and avoid blood hemolysis. This particular compound additive realise that blood glucose specimen could be cold storage for a long time.

| Item         | Specification                     |                | Q' ty/Cs |
|--------------|-----------------------------------|----------------|----------|
| CY-108SFE-2  | Grey cap, Sodium Fluoride+EDTA K2 | 13*75mm, 2ml   | 1200     |
| CY-108SFE-3  | Grey cap, Sodium Fluoride+EDTA K2 | 13*75mm, 3ml   | 1200     |
| CY-108SFE-4  | Grey cap, Sodium Fluoride+EDTA K2 | 13*75mm, 4ml   | 1200     |
| CY-108SFE-5  | Grey cap, Sodium Fluoride+EDTA K2 | 13*75mm, 5ml   | 1200     |
| CY-108SFE-6  | Grey cap, Sodium Fluoride+EDTA K2 | 13*100mm, 6ml  | 1200     |
| CY-108SFE-7  | Grey cap, Sodium Fluoride+EDTA K2 | 13*100mm, 7ml  | 1200     |
| CY-108SFE-8  | Grey cap, Sodium Fluoride+EDTA K2 | 13*100mm, 8ml  | 1200     |
| CY-108SFE-9  | Grey cap, Sodium Fluoride+EDTA K2 | 16*100mm, 9ml  | 1200     |
| CY-108SFE-10 | Grey cap, Sodium Fluoride+EDTA K2 | 16*100mm, 10ml | 1200     |

### NON-Vacuum Blood Tube



| Item      | Specification                     |                | Q' ty/Cs |
|-----------|-----------------------------------|----------------|----------|
| CY-109A   | Red cap, Plain                    | 13*75mm, 1-5ml | 1200     |
| CY-109CA  | Red cap, clot activator           | 13*75mm, 1-5ml | 1200     |
| CY-109SGC | Yellow cap, Gel+clot activator    | 13*75mm, 1-4ml | 1200     |
| CY-109EK2 | Purple cap, EDTA K2               | 13*75mm, 1-5ml | 1200     |
| CY-109EK3 | Purple cap, EDTA K3               | 13*75mm, 1-5ml | 1200     |
| CY-109SC  | Blue cap, Sodium citrate1:9       | 13*75mm, 1-5ml | 1200     |
| CY-109HS  | Green cap, Heparin Sodium         | 13*75mm, 1-5ml | 1200     |
| CY-109HL  | Green cap, Heparin Lithium        | 13*75mm, 1-5ml | 1200     |
| CY-109ESR | Black cap, Sodium citrate 1:4     | 13*75mm, 1-5ml | 1200     |
| CY-109SFE | Grey cap, Sodium Fluoride+EDTA K2 | 13*75mm, 1-5ml | 1200     |

## Micro Blood Collection Tube



Micro Collection Tube is mainly used for peripheral blood collection. It is specially suitable for small children and geriatric patient. The inner surface has an excellent hemorepellency where it is necessary for a good preparation of high quality blood sample.

| Item      | Specification                                          | Qty/Cs |
|-----------|--------------------------------------------------------|--------|
| CY-110A   | Micro Collection Tube, Plain ,0.5ml                    | 3000   |
| CY-110CA  | Micro Collection Tube, Clot Activator ,0.5ml           | 3000   |
| CY-110EK2 | Micro Collection Tube, EDTA K2 ,0.5ml                  | 3000   |
| CY-110EK3 | Micro Collection Tube, EDTA K3 ,0.5ml                  | 3000   |
| CY-110HL  | Micro Collection Tube, Heparin Lithium ,0.5ml          | 3000   |
| CY-110HS  | Micro Collection Tube, Heparin Sodium ,0.5ml           | 3000   |
| CY-110SFE | Micro Collection Tube, Sodium Fluoride /EDTA-K2 ,0.5ml | 3000   |
| CY-110SGC | Micro Collection Tube, Gel+clot activator ,0.5ml       | 3000   |

## Capillary Blood Collection Tube



| Item      | Specification                                              | Qty/Cs |
|-----------|------------------------------------------------------------|--------|
| CY-111A   | Capillary Collection Tube, Plain ,0.5ml                    | 3000   |
| CY-111CA  | Capillary Collection Tube, Clot Activator ,0.5ml           | 3000   |
| CY-111EK2 | Capillary Collection Tube, EDTA K2 ,0.5ml                  | 3000   |
| CY-111EK3 | Capillary Collection Tube, EDTA K3 ,0.5ml                  | 3000   |
| CY-111HL  | Capillary Collection Tube, Heparin Lithium ,0.5ml          | 3000   |
| CY-111HS  | Capillary Collection Tube, Heparin Sodium ,0.5ml           | 3000   |
| CY-111SFE | Capillary Collection Tube, Sodium Fluoride /EDTA-K2 ,0.5ml | 3000   |
| CY-111SGC | Capillary Collection Tube, Gel+clot activator ,0.5ml       | 3000   |

## Venous Blood Collection Needle

### Flashback Needle



| No.    | Color | Gauge | Needle Length | Package                                 |
|--------|-------|-------|---------------|-----------------------------------------|
| CY-113 | Green | 21G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 48.5*27*48.5cm |
| CY-114 | Black | 22G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 48.5*27*48.5cm |
| CY-115 | Blue  | 23G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 48.5*27*48.5cm |

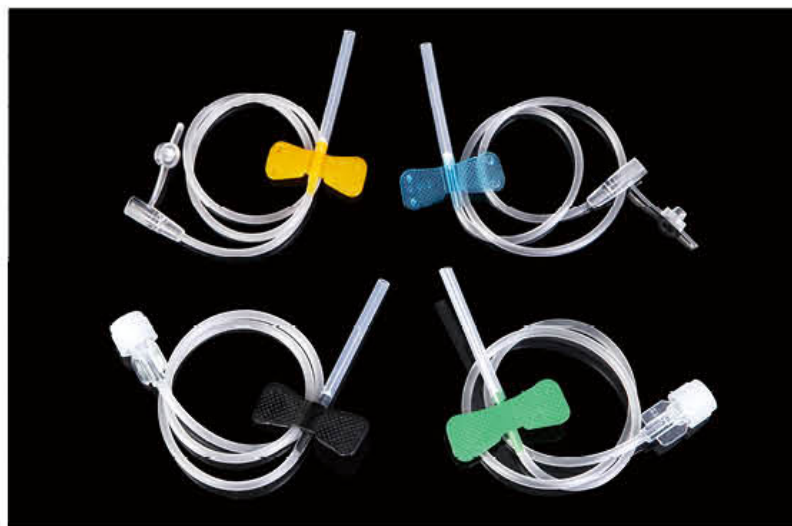
### Pen Type Needles



| No.    | Color  | Gauge | Needle Length | Package                             |
|--------|--------|-------|---------------|-------------------------------------|
| CY-116 | Pink   | 18G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 44*24*44cm |
| CY-117 | Yellow | 20G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 44*24*44cm |
| CY-118 | Green  | 21G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 44*24*44cm |
| CY-119 | Black  | 22G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 44*24*44cm |
| CY-120 | Blue   | 23G   | 1" or 1 1/2"  | 100pcs/box, 5000pcs/ctn, 44*24*44cm |

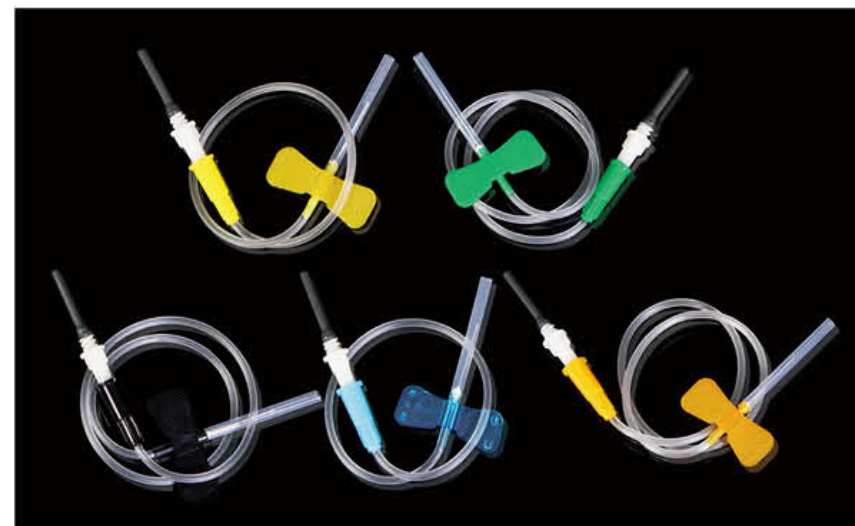


## Scalp Vein Set: luer lock or luer slip



| No.    | Color          | Gauge             | Needle Length                       | Tube Length  | Package                                        |
|--------|----------------|-------------------|-------------------------------------|--------------|------------------------------------------------|
| CY-122 | Yellow         | 20G               | 3/4"or 1"                           | 18cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-123 | Green          | 21G               | 3/4"or 1"                           | 18cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-124 | Black          | 22G               | 3/4"or 1"                           | 18cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-125 | Blue           | 23G               | 3/4"or 1"                           | 18cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-126 | Orange         | 25G               | 3/4"or 1"                           | 18cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-A   | Needle Holders | Normal Type       | 200pcs/bag, 5000pcs/ctn, 66*41*36cm |              |                                                |
| CY-B   | Needle Holders | Quick Release     | 100pcs/bag,1000pcs/ctn, 51*35*26cm  |              |                                                |
| CY-C   | Luer Adapter   | Transparent Color | 50000pcs/ctn, 57*44*35cm            |              |                                                |
| CY-D   | Luer Adapter   | Green Color       | 50000pcs/ctn, 57*44*35cm            |              |                                                |
| CY-E   | Luer Adapter   | White Color       | 50000pcs/ctn, 57*44*35cm            |              |                                                |

## Butterfly Needles



| No.    | Color  | Gauge | Needle Length | Tube Length          | Package                                        |
|--------|--------|-------|---------------|----------------------|------------------------------------------------|
| CY-127 | Yellow | 20G   | 3/4"or 1"     | 18cm or 25cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-128 | Green  | 21G   | 3/4"or 1"     | 18cm or 25cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-129 | Black  | 22G   | 3/4"or 1"     | 18cm or 25cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-130 | Blue   | 23G   | 3/4"or 1"     | 18cm or 25cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |
| CY-131 | Orange | 25G   | 3/4"or 1"     | 18cm or 25cm or 30cm | 1pc/PE bag,100pcs/bag, 5000pcs/ctn, 60*42*42cm |

| No.     | Color | Gauge | Needle Length | Tube Length  | Package                                      |
|---------|-------|-------|---------------|--------------|----------------------------------------------|
| CY-132A | Green | 21G   | 1"            | 18cm or 25cm | 1pc/1PEbag,100pcs/bag,5000pcs/ctn,60*42*42cm |
| CY-132B | Black | 22G   | 1"            | 18cm or 25cm | 1pc/1PEbag,100pcs/bag,5000pcs/ctn,60*42*42cm |



## I.V. Cannula



Injection Adapter



With wings



Pen Type

| No.       | Color  | Gauge | Parameter (mm) | Package                                        |
|-----------|--------|-------|----------------|------------------------------------------------|
| CY-IVCI16 | Grey   | 16G   | Φ 1.6X55       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP16 |        |       |                |                                                |
| CY-IVCW16 |        |       |                |                                                |
| CY-IVCI18 | Green  | 18G   | Φ 1.2X45       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP18 |        |       |                |                                                |
| CY-IVCW18 |        |       |                |                                                |
| CY-IVCI20 | Pink   | 20G   | Φ 1.0X33       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP20 |        |       |                |                                                |
| CY-IVCW20 |        |       |                |                                                |
| CY-IVCI22 | Blue   | 22G   | Φ 0.8X25       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP22 |        |       |                |                                                |
| CY-IVCW22 |        |       |                |                                                |
| CY-IVCI24 | Yellow | 24G   | Φ 0.7X19       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP24 |        |       |                |                                                |
| CY-IVCW24 |        |       |                |                                                |
| CY-IVCI26 | Purple | 26G   | Φ 0.7X19       | 1pc/PE bag, 50pcs/box, 1000pcs/ctn, 49*42*32cm |
| CY-IVCP26 |        |       |                |                                                |
| CY-IVCW26 |        |       |                |                                                |

## Safety Butterfly Needles



| No.     | Color | Gauge | Needle Length | Tube Length | Package                                         |
|---------|-------|-------|---------------|-------------|-------------------------------------------------|
| CY-127A | 21G   | Green | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |
| CY-128B | 22G   | Black | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |
| CY-129C | 23G   | Blue  | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |

| No.     | Color | Gauge | Needle Length | Tube Length | Package                                         |
|---------|-------|-------|---------------|-------------|-------------------------------------------------|
| CY-122A | Green | 21G   | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |
| CY-123B | Black | 22G   | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |
| CY-124C | Blue  | 23G   | 34/" or 1"    | 30cm        | 1pc/PE bag, 100pcs/box, 2000pcs/ctn, 57*40*28cm |



## Disposable Glucose Lancet



### SAFE:

- ◆ 1. All needles are EO-sterile and protected with a sterility tab.
- ◆ 2. Fully enclosed needle housing ensuring that needles are hidden before and after use to prevent sharps injuries.

### SIMPLE:

- ◆ 1. Easy to handle, intuitive activation in 2 steps only with no pre-loading, for both push button and contact activation.
- ◆ 2. Wide and long safety cap for easy removal—simply twist and pull to remove the needle cover.
- ◆ 3. Precise designs for convenient finger positioning and ideal blood sample collection

| Item    | Specification | Quantity(pcs) | Package                     |
|---------|---------------|---------------|-----------------------------|
| CY-133A | 23G           | 10000pcs/ctn  | 100pcs/box,<br>100boxes/ctn |
| CY-133B | 28G           | 10000pcs/ctn  | 100pcs/box,<br>100boxes/ctn |

## Alcohol Pad



### Alcohol Pads Use:

They are used to disinfect an injection site prior to injection in order to eliminate bacteria and germs that could be pushed into the skin during the injection. It can also be used to clean one's hands before injecting if there isn't somewhere to do so.

### Features:

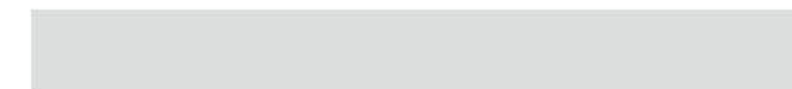
- ◆ First-Aid-Essentials
- ◆ Individually Wrapped
- ◆ Antiseptic Properties
- ◆ For professional & home Use

| Item    | Specification                                     | Quantity(pcs) | Package                    |
|---------|---------------------------------------------------|---------------|----------------------------|
| CY-133C | Size: 3*6cm<br>Fabric: 50gsm<br>75% Ethyl Alcohol | 10000pcs/ctn  | 100pcs/box<br>100boxes/ctn |

## Disposable Pressure Activated Safety Lancet



Serum blood collection tube promises to provide non-polluting and non-differential original blood specimen for medical test. After centrifugation, serum can be separated from blood cells and fibrin effectively. Serum tube includes 3 kinds of tube: Plain Tube with red cap, Pro-coagulation Tube with red cap and Gel&Clot Activator Tube with yellow cap.



| Item    | Specification | Color  | Depth | Average Blood Volume | Package                     |
|---------|---------------|--------|-------|----------------------|-----------------------------|
| CY-133D | 28G           | Purple | 1.8mm | Low                  | 100pcs/box or<br>customized |
| CY-133E | 26G           | Blue   | 1.8mm | Low                  |                             |
| CY-133F | 23G           | Green  | 1.8mm | Medium               |                             |
| CY-133G | 21G           | Yellow | 2.4mm | Medium               |                             |

### Features:

#### SAFE:

- ◆ 1. The patented design of protective cap can be conversely re-capped into lancet body after use, which avoids the possibility of cross infection
- ◆ 2. Needle is fully shielded before and after use
- ◆ 3. Needle is retractable
- ◆ 4. Self-destructing design

#### PAIN FREE

- ◆ Double springs inside lancet body

#### COMFORTABLE

- ◆ Ergonomic design for easy handling





Virus Transport Medium(VTM kit )

VTM kit is viral transport medium, also name as universal transport medium, specially used for PCR kit or RTK swab test for covid-19 detection. Transport media consist of viral tube, sample solution, sterilize swab.

Type of VTM Kit



| Item       | Specification                                                                                                                                               | Quantity (pcs) | Package                                  |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------|
| CY-136VTM  | Tube size: 16*100mm,<br>3ml preservation solution<br>Type:Inactivated or Non-inactivated<br>Color:Transparent or Red                                        | 300pcs/ctn     | Individual packing 50pcs/box, 300pcs/ctn |
|            |                                                                                                                                                             | 500pcs/ctn     | Tray packing 50pcs/tray<br>500pcs/ctn    |
| CY-136VTM1 | Tube size: 16*100mm,<br>3ml preservation solution<br>1pc swab(nasal swab or oral swab)<br>Type:Inactivted or Non-inactivated<br>Color:Transparent or Red    | 300pcs/ctn     | Individual packing 50pcs/box, 300pcs/ctn |
|            |                                                                                                                                                             | 500pcs/ctn     | Tray packing 50pcs/tray<br>500pcs/ctn    |
| CY-136VTM2 | Tube size: 16*100mm,<br>3ml preservation solution<br>2pcs swabs(nasal swab and oral swab)<br>Type:Inactivted or Non-inactivated<br>Color:Transparent or Red | 300pcs/ctn     | Individual packing 50pcs/box, 300pcs/ctn |
|            |                                                                                                                                                             | 500pcs/ctn     | Tray packing 50pcs/tray<br>500pcs/ctn    |



### Saliva collection kit

Saliva Sample Collection Kit provides an all-in-one system for the collection, stabilization and transportation of saliva sample for DNA/RNA preservation. The preservation solution is non-toxic, leakage-proof and collection involves only 3 steps.



| Item      | Specification                                                                                                                                                | Quantity (pcs) | Package                                           |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------|
| CY-137SCK | Tube size: 5ml,<br>1pc Saliva Funnel and 1pc Collection Tube<br>2ml preservation solution<br>Type:Inactivated or Non-inactivated<br>Color:Transparent or Red | 400kits/ctn    | Individual pakcing 20kits/<br>box,<br>400kits/ctn |

### 2019-nCoV Antigen Rapid Test (Colloidal Gold)

The 2019-nCoV Antigen Rapid Test is intended for qualitative in-vitro diagnosis of the nucleoprotein antigen of novel coronavirus(2019-nCoV) in the human saliva, oropharyngeal and nasopharyngeal swab samples. The test kit is only used for in vitro auxilliay diagnosis.



| Item   | Specification                                                                                                                               | Quantity (pcs) | Package                                            |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------|
| CY-138 | Swab version:<br>20Tests/kit:Antigen ExtractionTube(with antigen extraction solution); oropharyngeal or nasopharyngeal swab; Test Cassette. | 400kit/ctn     | 1test/kit, 20kits/box, 400kit/ctn<br>or customized |
| CY-139 | Saliva version:<br>20Tests/kit:Antigen ExtractionTube(with antigen extraction solution); oval funnel; Test Cassette.                        | 400kit/ctn     | 1test/kit, 20kits/box, 400kit/ctn<br>or customized |



### Disposable infusion set

Main Components:

- ◆ 1.Spike with air-vent, made of medical grade ABS.
- ◆ 2.Drip Chamber with solution filter, made of medical grade PVC. (about 48mm length)
- ◆ 3.Tubing, made of medical grade PVC, standard PVC tube 150cm ,
- ◆ 4.Flow Regulator, made of medical grade PP &PE.
- ◆ 5.Injection Site, made of latex



| Item   | Type                                     | Quantity (pcs) | Package                |
|--------|------------------------------------------|----------------|------------------------|
| CY-140 | Luer slip+Needle+150cm tube              | 500pcs         | 1pc/1PE bag 500pcs/ctn |
| CY-141 | Luer lock+Needle +150cm tube             | 500pcs         | 1pc/1PE bag 500pcs/ctn |
| CY-142 | Luer slip+Y connector+Needle+150cm tube  | 500pcs         | 1pc/1PE bag 500pcs/ctn |
| CY-143 | Luer lock+Y connector+Needle +150cm tube | 500pcs         | 1pc/1PE bag 500pcs/ctn |
| CY-144 | Luer slip+without needle+protector       | 500pcs         | 1pc/1PE bag 500pcs/ctn |
| CY-145 | Luer slip+Butterfly needle+150cm tube    | 500pcs         | 1pc/1PE bag 500pcs/ctn |

### Infusion set with Burette

Components:

- ◆ 1.Spike Cover
- ◆ 2.Spike
- ◆ 3.Air Vent
- ◆ 4.Injection Site
- ◆ 5.Filter Cap
- ◆ 6.Burette
- ◆ 7.Drip Chamber 60drops/ml
- ◆ 8.Flow Regulator
- ◆ 9.Y-injection Site
- ◆ 10.Luer connector

| Item          | Infusion set with Burette |
|---------------|---------------------------|
| Material      | ABS+PE+PVC                |
| Tube Length   | 150cm                     |
| Volume        | 100ml 150ml               |
| Certification | CE&ISO                    |
| Shelf Life    | 5years                    |
| Needle        | 21-25G                    |
| Connector     | Luer Slip Luer Lock       |







#### Burette Design

The burettes are highly transparent, clear & accurate in graduation, and this makes more convenient operation when infusion.



#### Tubes Design

Flexible, kink resistant and Non-distortion tubes.



#### Spike Design

Bottle stopper puncturing device is efficient and sharp. No chip drops.



#### Flow Regulator

Reliable and agile flow regulator for better flow rate control.



#### Injection Port

Convenient to inject medicines according to the patient's medication and treatment needs at any time.

### Directions for use

- ◆ 1. Keeping all champs open and with the I.V. bottle upright, insert the spike all the way through stopper of I.V. infusion bottle.
- ◆ 2. Medication can be added into bottle if necessary.
- ◆ 3. Close clamp "A" then hang bottle.
- ◆ 4. Open Clamp "A" to allow the required amount of fluid to flow into the burette. Close clamp "A"
- ◆ 5. Ensure that the proper venous needle is attached. Squeeze drip chamber until it is half full. Do not fill entire drip chamber with fluid.
- ◆ 6. Open clamp "A" to re-adjust fluid amount in the burette. Close clamp "A" if necessary to add medication through injection site on top of the bottle.
- ◆ 7. Perform veinpuncture. Slowly open clamp "B" to adjust flow.
- ◆ 8. Observe drops per minute then adjust to achieve proper flow rate. The infusion rate of this set is 60 drops to approximately 1ml.

### Feature:

NON-TOXIC NON-PYROGENIC

Do not store at extreme temperature and humidity

\*with large calibrated burette chamber

\*approximately 60 drops/ml

\*sterile and pyrogen-free

\*roller-type flow controller

### Lab Consumables

