

Toone



Steritoone **Sterility Test canisters**

WenZhou TuWang Biotechnology Equipment co .Ltd

Verified:

1. Quality management system ISO9001
2. Environmental management system ISO14001
3. Occupational health and safety management system ISO45001

Meet the standards:

1. Sterility test method of Chinese Pharmacopoeia;
2. Meet international standards USP, JP, EP, CH.P



Sterility Test canisters

The sterility test canisters is an accessory consumable for the sterility inspection. It consists of a protective cap, an air filter, a connector, a barrel, a filter membrane, a base, a liquid outlet, and a parallel catheter. After more than 40 processes of careful manufacturing and strict inspection of each process, the product has 100% passed the integrity test. According to the requirements of the quality system certification, quality traceability and continuous quality improvement have been achieved. According to the different properties and packaging of the inspected products, a variety of microporous filter membranes of different materials and structures have been specially selected, and more than 50 kinds of sterility test canisters have been designed and developed, which basically meet the sterility inspection requirements of various inspected products.

Sterility testing is an extremely important step before the release of sterile products. False positive and false negative experimental results, as well as experimental equipment failures and human errors will cause significant losses in time and money to customers and directly affect the laboratory effect of the product. The sterility testing device composed of the TW-series sterility test pump and the sterility test canisters provides a perfect solution. The peristaltic pump of the sterility test pump can safely and evenly transfer the test samples in different packaging forms to the sterility test canisters, making the sterility test results more consistent and reliable.



Protective cap hanging ring integrated, no longer worry about losing

The newly designed integrated hanging ring protective cap, which is installed with the upper cover of the air filtration of the cup body of the bacteria collecting culture, completely avoids the possible loss of the protective cap due to the lack of placement, which may affect the interruption of the experiment. It has automatic popping function under high pressure, which fully ensures the smooth experiment process and the safety of the operator.

Multiple color options, not just blue

Add purple, green, two new color matching. Meet the needs of many laboratories, can independently allocate experimental needs according to color matching, no longer worry about confusion.



New upgraded packaging

While ensuring the sterilization effect, sterilization residue is minimized to make the experiment both safe and secure.

- ☆ Applicable to organic solvents such as ethanol
- ☆ Specializing in ethylene oxide sterilization or irradiation sterilization
- ☆ Transparent blister box packaging, in line with international standards
- ☆ Ultrasonic welding process, smooth and firm welding, to achieve the best sealing performance
- ☆ The high elastic pump tube made of special materials is durable in tension, wear resistance and pressure resistance, which can ensure the smooth completion of the maximum inspection amount filtration
- ☆ The use of medical dialysis packaging imported from the United States to ensure the product aseptic performance, can quickly decompose ethylene oxide, reduce ethylene oxide residue
- ☆ Filter aperture: 0.45μm, 0.22μm(customizable)
- ☆ Fixed Robert clip, color matching
- ☆ Fixed filter cap plug to avoid risk of contamination

110 Illustration



220 Illustration



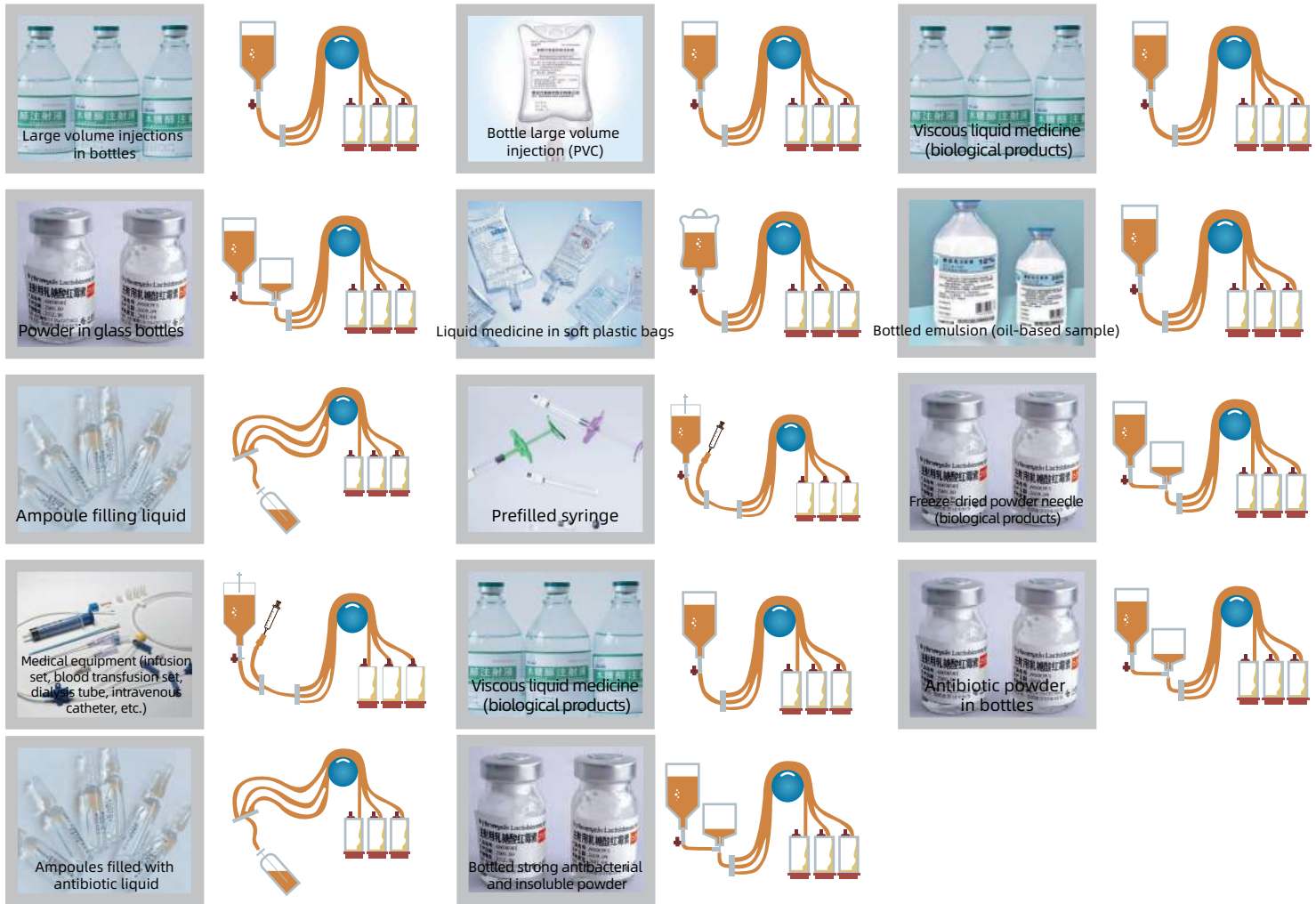
330 Illustration



402 Illustration



Usage diagram



Schematic diagram of each canister

Bacterial culture:
Fill with FTM medium and place in an incubator at 35°C Cultivate for 14 days

Negative control:
Directly inject the culture medium to observe whether bacteria grow

Positive control:
Add positive bacteria to the tank filled with FTM culture medium to observe whether there are antibacterial components

Mold culture:
Pour into TSB medium and place in an incubator at 28°C for 14 days

PY Series (Optional 110、220、330、402)



PVC Series (Optional 220、330、402)



DGB Series (Optional 220、330、402)



SDY Series (Optional 220、330、402)



APY Series (Optional 220、330、402)



PFS Series (Optional 220、330、402)



YLQ Series (Optional 220、330、402)



KSF Series (Optional 110、220、330、402)



KAPY Series (Optional 220、330、402)



NKF Series (Optional 220、330、402)



KDGB Series (Optional 220、330、402)



Z-VS Series (Optional 220、330、402)



CN Series (Optional 220、330、402)



DCN Series (Optional 220、330、402)



Comparison table of type and use of sterility test canisters

Applicable product type	Single bag EO sterilization	Double bagging EO sterilization	Double boxed EO sterilization	Double bagging Irradiation sterilization	Double boxed Irradiation sterilization	Peculiarity
Large volume injections in bottles	PY110	/	PY110 B	PY110 D	PY110 GD	Adopt side hole double core needle, a double needle design, frequent insertion and replacement of bottles without plugging, continuous operation is more convenient
	PY220	D-PY220	PY220 B	PY220 D	PY220 GD	
	PY330	D-PY330	PY330 B	PY330 D	PY330 GD	
	PY402	D-PY402	PY402 B	PY402 D	PY402 GD	
Large volume injections in bottles (PVC packing)	PVC220	D-PVC220	PVC220 B	PVC220 D	PVC220 GD	Equipped with large diameter oblique hole needle to prevent needle clogging, ensure full filtration
	PVC330	D-PVC330	PVC330 B	PVC330 D	PVC330 GD	
	PVC402	D-PVC402	PVC402 B	PVC402 D	PVC402 GD	
Powder in glass bottles	DGB220	D-DGB220	DGB220 B	DGB220 D	DGB220 GD	Add a dissolving needle, cleverly solve the completely closed solution, and realize the dissolution and filtration at one time
	DGB330	D-DGB330	DGB330 B	DGB330 D	DGB330 GD	
	DGB402	D-DGB402	DGB402 B	DGB402 D	DGB402 GD	
Liquid medicine in soft plastic bags	SDY220	D-SDY220	SDY220 B	SDY220 D	SDY220 GD	Equipped with large diameter oblique hole needle to prevent needle clogging, ensure full filtration
	SDY330	D-SDY330	SDY330 B	SDY330 D	SDY330 GD	
	SDY402	D-SDY402	SDY402 B	SDY402 D	SDY402 GD	
Ampoule filling	APY220	D-APY220	APY220 B	APY220 D	APY220 GD	Elongated sampling needle, no sample transfer, fast transfer of samples
	APY330	D-APY330	APY330 B	APY330 D	APY330 GD	
	APY402	D-APY402	APY402 B	APY402 D	APY402 GD	
Prefilled syringe	PFS2	D-PFS2	PFS2 B	PFS2 D	PFS2 GD	Newly designed interface, closed docking with pre-loaded syringe, low sampling risk, interface protection function, safer operation, more reliable detection
	PFS3	D-PFS3	PFS3 B	PFS3 D	PFS3 GD	
	PFS4	D-PFS4	PFS4 B	PFS4 D	PFS4 GD	
Medical equipment (infusion set, blood transfusion set, dialysis tube, intravenous catheter, etc.)	YLQ220	D-YLQ220	YLQ220 B	YLQ220 D	YLQ220 GD	It is equipped with a special interface to connect a variety of equipment to be tested to ensure a fully enclosed filtration test
	YLQ330	D-YLQ330	YLQ330 B	YLQ330 D	YLQ330 GD	
	YLQ402	D-YLQ402	YLQ402 B	YLQ402 D	YLQ402 GD	
Liquid antibiotic	KSF110	D-KSF110	KSF110 B	KSF110 D	KSF110 GD	Extended hose can be used with the shaker
	KSF220	D-KSF220	KSF220 B	KSF220 D	KSF220 GD	
	KSF330	D-KSF330	KSF330 B	KSF330 D	KSF330 GD	
	KSF402	D-KSF402	KSF402 B	KSF402 D	KSF402 GD	
Ampoules filled with antibiotic liquid	KAPY220	D-KAPY220	KAPY220 B	KAPY220 D	KAPY220 GD	The sample transfer and filtration can be integrated operation, eliminating other transfer operations
	KAPY330	D-KAPY330	KAPY330 B	KAPY330 D	KAPY330 GD	
	KAPY402	D-KAPY402	KAPY402 B	KAPY402 D	KAPY402 GD	
Bottled strong antibacterial and insoluble powder	NKF220	D-NKF220	NKF220 B	NKF220 D	NKF220 GD	Three-pin base design, can dissolve, dilute, redissolve, filter, rinse integrated operation, can reduce the concentration of drugs, reduce the adsorption of antibacterial ingredients
	NKF330	D-NKF330	NKF330 B	NKF330 D	NKF330 GD	
	NKF402	D-NKF402	NKF402 B	NKF402 D	NKF402 GD	
Antibiotic powder in bottles	KDGB220	D-KDGB220	KDGB220 B	KDGB220 D	KDGB220 GD	Double pin base design, can dissolve, dilute, filter, rinse integrated operation, without other transfer operations
	KDGB330	D-KDGB330	KDGB330 B	KDGB330 D	KDGB330 GD	
	KDGB402	D-KDGB402	KDGB402 B	KDGB402 D	KDGB402 GD	

Bottled emulsion (oily test product)	Z-VS2	D-Z-VS2	Z-VS2 B	Z-VS2 D	Z-VS2 GD	Hydrophobic filter membrane is selected to ensure smooth and full filtration of emulsion test products
	Z-VS3	D-Z-VS3	Z-VS3 B	Z-VS3 D	Z-VS3 GD	
	Z-VS4	D-Z-VS4	Z-VS4 B	Z-VS4 D	Z-VS4 GD	
Viscous liquid medicine(biological products)	CN220	D-CN220	CN220 B	CN220 D	CN220 GD	The selection of enhanced special microporous filter membrane is more reliable and faster
	CN330	D-CN330	CN330 B	CN330 D	CN330 GD	
	CN402	D-CN402	CN402 B	CN402 D	CN402 GD	
Freeze-dried powder needle(biological products)	DCN220	D-DCN220	DCN220 B	DCN220 D	DCN220 GD	The dissolution and transfer operation uses the enhanced special microporous filter membrane, which is more reliable and faster
	DCN330	D-DCN330	DCN330 B	DCN330 D	DCN330 GD	
	DCN402	D-DCN402	DCN402 B	DCN402 D	DCN402 GD	
Special pump line	BG110	/	/	/	/	Use medical grade PVC, wear resistance and pressure resistance; Paper and plastic packaging is used to ensure the sterilization effect of products, and can quickly parse ethylene oxide and reduce the residue of ethylene oxide. CE standard ethylene oxide sterilization was introduced
	BG220	/	/	/	/	
	BG330	/	/	/	/	
Special for cans	FBG220	/	/	/	/	Use medical grade PVC, wear resistance and pressure resistance; Paper and plastic packaging is used to ensure the sterilization effect of products, and can quickly parse ethylene oxide and reduce the residue of ethylene oxide. CE standard ethylene oxide sterilization was introduced
Dissolved module	DO2	/	/	/	/	Powder needle dissolves assembly

Packaging Type Comparison Chart



Single-layer blister box packaging



Double-layer blister box packaging



Single-layer soft plastic bag



Double-layer soft plastic bag



Single layer bag



Double bagging



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