

# Sterilo Microbial Test Units



# STERILITY TEST CANISTER

## Gamma sterilization

### FEATURES

- Assembled clamps for pipelines are more convenient to use;
- Double-layer aseptic packaging facilitates the transfer in the clean room and reduces the pollution during the transfer process;
- Gamma ray sterilization, no residue, safe and reliable, avoiding the appearance of false negative results;
- $SAL \leq 10^{-6}$ ,
- Ultrasonic welding process ensures tightness and pressure resistance;
- 100% passed the airtight performance test;
- Microbial retention, microbial growth (sensitivity) and sterility testing ensure that the results of sterility testing are authentic and reliable;
- Filter membrane: bubble point method, bacterial retention rate test;
- Sterility test 14 day



Schematic diagram	PN	Inspection style	Bottle/Packaging size
	MTWGNCGN220G	Glass bottle large volume injection	18 sets/box, 72 sets/carton
	MTWGNCGN330G		12 sets/box, 48 sets/carton
	MTWGNYGGA220G	Glass bottle large capacity antibiotic injection	18 sets/box, 72 sets/carton
	MTWGNYGGA330G		12 sets/box, 48 sets/carton
	MTWGNYGGA220G	Ampoule injection	18 sets/box, 72 sets/carton
	MTWGNYGGA330G		12 sets/box, 48 sets/carton
	MTWGNYYAA220G	Ampoule antibiotic injection	18 sets/box, 72 sets/carton
	MTWGNYYAA330G		12 sets/box, 48 sets/carton
	MTWGNCVN220G	Vial bottle soluble power	18 sets/box, 72 sets/carton
	MTWGNCVN330G		12 sets/box, 48 sets/carton
	MTWGNYYVA220G	Vial bottle soluble antibiotic power	18 sets/box, 72 sets/carton
	MTWGNYYVA330G		12 sets/box, 48 sets/carton
	MTWGNCSN220G	Soft bag large volume injection	18 sets/box, 72 sets/carton
	MTWGNCSN330G	Soft bag large volume injection	12 sets/box, 48 sets/carton
	MTWGPPIN220G	Insoluble liquid	18 sets/box, 72 sets/carton
	MTWGPPIN330G	Insoluble liquid	12 sets/box, 48 sets/carton
	MTWGNYPN220G	Powder that needs to be dissolved and diluted	18 sets/box, 72 sets/carton
	MTWGNYPN330G	Powder that needs to be dissolved and diluted	12 sets/box, 48 sets/carton

\*Available in EO sterilization and the PN ends with "E" instead of "G"

# STERILITY TEST CANISTER

## EO sterilization

### FEATURES

- Adopt composite film packaging technology, good air permeability and bacteria resistance;
- Ultrasonic welding process is adopted to ensure tightness and pressure resistance;
- The pipe is equipped with a stop clip, which is convenient for customers to operate and improve efficiency;
- The pump tube is made of composite materials imported from Germany, with high elasticity and tension Durable, wear and pressure resistant, can ensure the maximum amount of filtra on successfully completed Accomplished;
- Filter membrane: bubble point method, bacterial retention rate test;
- 100% passed the sealing performance test;
- Using advanced gamma ray sterilization, no residue, safe and reliable, avoiding the occurrence of false negative results; SAL  $\leq 10^{-6}$ ;
- Aseptic independent packaging, and double-layer packaging mode, so that through the buffer zone into the aseptic room, to achieve rapid detection;
- Through microbial retention, microbial growth promotion (sensitivity) and sterility test, to ensure that the sterility test results are authentic and reliable;
- Sterility test: 14-day culture cycle, consistent with pharmacopoeia requirements.

### The advantages of gamma ray sterilization compared with other main sterilization methods

Sterilization method	requirements for packaging	Chemical residue	Temperature increase	sterilization effect (Whether sterilization can be achieved, That is SAL $\leq 10^{-6}$ )	Post-steriliza on treatment me
Gamma rays	No	no	No	yes	can be used immediately after irradiation
Ethylene oxide	Must use Special packaging material	yes	yes	yes	must be left for at least 48 hours after sterilization. Volatilization reduces residual chemical solvents in the product
High temperature steam	Must use Special packaging material	no	yes	no	After sterilization requires a certain amount of time to cool

### Technical parameters

Cups count	2pcs / 3pcs	Cup material	AS
Cup Withstand pressure	0.4MPA	Bo om material	ABS
Cup volume	100ml	Filter/needle holder material	ABS
Filter membrane material	MCE/Nylon/PP 0.45 $\mu$ m	Clips/needle cover/caps material	PP
Filter material	PFTE diameter 25mm, 0.45 $\mu$ m	Caps materials	silicone

# STERILITY TEST PUMP

## MTWGCP08

### FEATURES

- Straight-line installation of pump tube and pump head automatic opening and closing function;
- The pump head opening and closing and the runner running indication function keep the instrument working state at any time;
- With stepless speed regulation, speed memory function;
- Misoperation of interlock design and alarm prompt function to avoid accidents;
- Stainless steel mirror body, small size and beautiful appearance;
- Color LCD display, friendly man-machine interface, simple and intuitive, easy to operate;
- Rotary coding switch for operation and parameter setting;
- Adopting brushless motor, high reliability, long life, no electrical contact spark, good safety and explosion-proof performance;
- Forced air cooling to ensure safe use of the product;
- The panel type MTWGCP08A/MTWGCP08B is suitable for sterility inspection isolation system installation.

### TECHNICAL PARAMETER

Working power:	AC220V/50Hz
Power:	240W
Peristaltic pump speed:	15~240rpm
Runner Quantity:	3pc
Height (including bottle rack):	39cm
Dimensions:	36*36*20cm
Weight	20Kg



# STERILITY TEST PUMP

## MTWGCP06

### FEATURES

- Polishing processing stainless steel case, easy to clean and disinfect.
- Large touch LCD screen display, opening and closing of the pump head, running status indication function in time clock function, master the instrument working status at any time.
- Toughened glass panel, touch button control, smooth surface, not easy to scratch, easy to clean.
- With stepless speed regulation, four - speed direct speed regulation, speed memory function.
- Straight type pump pipe installation, the pump head with automatic opening and closing function.
- Pump head anti-pinch pipe design.
- Misoperation of interlock design and alarm function to avoid accidents.
- Adopts brushless dc motor, high reliability, long service life, no electrical contact spark, security, explosion-proof.
- Forced air cooling heat dissipation, to ensure the safe use of products.

### TECHNICAL PARAMETER

Working power:	AC220V/50H
Power:	240W
Peristaltic pump speed:	20~300rpm
Runner Quantity:	3pc
Height (including bottle rack):	39cm
Dimensions:	32*28*18.1cm
Weight	16Kg



# STERILITY TEST PUMP

## MTWGCP03

### FEATURES

- Mini-size design reduces occupying space of super-clean control console and airBow interference.
- Waterproof design of equipment body is used to avoid liquid entering into interior of apparatus.
- Super-huge LCD can observe running status and clock function.
- Direct speed adjustment in 4 levels has memory function for rotating speed.
- Adopting brushless motor, high reliability, long life, no electrical contact spark, good safety and explosion-proof performance;
- Mirror-polished treatment on stainless steel equipment box is easy to clean and disinfect.

### TECHNICAL PARAMETER

Working power:	AC220V/50Hz
Power:	200W
Peristaltic pump speed:	15~240rpm
Runner Quantity:	3pc
Height (including bottle rack):	39cm
Dimensions:	32*22*12cm
Weight	12Kg





# STERILITY TEST PUMP

## MTWGCP01

### FEATURES

- Mini-size design reduces occupying space of super-clean control console and air lowinterference;
- Waterproof design of equipment body is used to avoid liquid entering into interior of apparatus;
- Concise & modern interface is easy to clean;
- Knob with unlimited speed adjustment has memory function of rotating speed;
- Mirror-polished treatment on stainless steel equipment box is easy to clean and;
- Panel type MTWGCP01A/MTWGCP01B for sterility inspection isolation system installation

### TECHNICAL PARAMETER

Working power:	AC220V/50Hz
Power:	150W
Peristaltic pump speed:	15~240rpm
Runner Quantity:	3pc
Height (including bottle rack):	39cm
Dimensions:	32*22*13cm
Weight	12Kg

