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	Product code	Inspection style	Bottle/Packaging size
	MTWGNCGN220G MTWGNCGN330G	MCE membrane for Glass bottle large volume injection	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNYGA220G MTWGNYGA330G	Nylon membrane for Glass bottle large capacity antibiotic injection	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNCAN220G MTWGNCAN330G	MCE membrane for Ampoule injection	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNYAA220G MTWGNYAA330G	Nylon membrane for Ampoule antibiotic injection	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNCVN220G MTWGNCVN330G	MCE membrane for vial bottle soluble powder	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNYVA220G MTWGNYVA330G	Nylon membrane for vial bottle solution antibiotic powder	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNCSN220G MTWGNCSN330G	MCE membrane for soft bag large volume injection	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGPPIN220G MTWGPPIN330G	PP membrane for insoluble liquid, oily, high viscus products	18 sets/box,72 sets/carton 12 sets/box,48 sets/carton
	MTWGNYPN220G MTWGNYPN330G	Nylon membrane for powder that need to be dissolved and diluted	18 sets/box,72 sets/carton 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 higtihc iteyl aasnd tension Durable, wear and pressure resistant, can ensure the maximum amount of filtr a 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 ≤10*
- 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 ≤ 106)	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	Bottom material	ABS
Cup volume	100ml	Filter/needle holder material	ABS
Filter membrane material	MCE/Nylon/PP 0.45µm	Clips/needle cover/caps material	PP
Filter material	PTFE diameter 25mm, 0.45µm	Caps materials	Silicone

Sterility Test Pump

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

Product Code   MTWGCP08

Sterility Test Pump

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 /50Hz
Power:	240W
Peristaltic pump speed:	20~300rpm
Runner quantity:	3pc
Height (including bottle rack):	39cm
Dimensions:	36*28*18.1cm
Weight:	16kg

Product Code	MTWGCP06

Sterility Test Pump

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

Product Code	MTWGCP03

Sterility Test Pump

Features

- Mini-size design reduces occupying space of super-clean control console and airf 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

Product Code	MTWGCP01