

LMQ.C Autoclave

Application

It can sterilize liquids, culture media, glass and metal utensils and sterile waste in CDC, inspection and quarantine institutions, hospital testing departments, university biological laboratories and other medical and biomedical research units.

Performance Features

- Humanized operating system**
 Microcomputer automatic control, LCD text display, inductive keys, intuitive observation of equipment information parameters and sterilization process information, simple and convenient operation, fully automatic control of the sterilization process.
- Large enough sterilization space**
 The sterilization chamber provides enough space for sterilization. 80 liters can accommodate 2 layers of sterilization baskets, and each layer can accommodate 4 conical bottles of 1000mL at the same time.
- Dual temperature detection in the chamber (optional)**
 The sterilization chamber is equipped with a fixed temperature probe and an optional movable temperature probe, which can set different temperature control modes according to the different loads of solid sterilization and liquid sterilization and user needs, which makes the sterilization safer and more reliable.
- Rich cycles**
 Including total of 108 cycles for laboratory cycles and user cycles. Laboratory cycles include solid, solid waste, culture medium, liquid, agar cycles; users can define cycle parameters flexibly to avoid frequently modifying parameters.
- Multiple safety protection devices**
 Over-temperature protection device, door safety interlock protection, over-pressure automatic pressure relief device, anti-dry burn protection device, high and low water level double protection.
- No steam venting in the whole process**
 The equipment has built-in condensation system to cool the water steam discharged from the sterilization chamber. By adjusting the parameter settings to change the discharge speed, the whole process can realize zero steam venting, effectively avoiding the aerosols and the laboratory injuries to ensure biological safety.

- Design pressure: -0.1/0.28Mpa
- Design temperature: 142°C
- Melting temperature: 40~100°C
- Sterilization temperature range: 105~138°C.
- Insulation temperature: 40~134°C
- Chamber: 304 stainless steel



Display screen

Optional basket

Optional disinfection drum

Technical Parameters

Order No.	Volume	Chamber size(Φ×L)	Overall dimensions(L×W×H)	Basket size(Φ×L)	Basket layer	Net weight	Power supply	Rated power
L50-EP	50L	Φ316×667mm	570×546×990mm	Φ300×258mm	2	75kg	AC220V,50Hz	5.0kw
L80-EP	80L	Φ386×695mm	610×546×1030mm	Φ365×272mm	2	92kg	AC220V,50Hz	5.3kw
L100-EP	100L	Φ386×860mm	610×546×1195mm	Φ365×355mm	2	97kg	AC220V,50Hz	7.5kw



LMQ.C Autoclave

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Application

It is suitable for sterilization of instruments, beddings, rubber, glassware, liquids and other items in medical and health departments such as township hospitals, community hospitals, clinics and family planning service stations.

Performance Features

- Microcomputer automatic control, LCD text display, touch keys, able to intuitively observe equipment information parameters and sterilization process information, simple and convenient operation, automatic control of the whole sterilization process.
- With total 108 cycles for medical cycles and user cycles. Medical cycles include unwrapped, wrapped, and rubber cycles, and users can define cycle parameters flexibly to avoid the problem of frequently modifying parameters.
- With positive pressure dynamic pulse exhaust function to exclude cold air in the sterilization chamber and ensure the saturation of steam.
- Chamber wall heating with post-thermal drying function, better drying effect after sterilization.
- Built-in water tank with internal water circulation.
- Automatic over-temperature protection device, door safety interlock device, safety valve with automatic pressure relief for over-pressure, short-circuit protection, over-voltage protection, heat insulation and anti-scalding door cover, anti-dry burn protection, double protection for high and low water level.
- Printer optional.
- The sterilization chamber is equipped with a fixed temperature probe, and a movable temperature probe can be selected to set different temperature control modes according to the different loads of solid sterilization and liquid sterilization and user requirements, which makes double detection sterilization safer and more reliable.

- Design pressure: -0.1/0.28Mpa
- Design temperature: 142°C
- Sterilization temperature range: 105~138°C
- Insulation temperature: 40~60°C
- Chamber: 304 stainless steel
- Accessories: Stainless steel sterilization baskets×2



Control panel

Optional basket

Optional disinfection drum

Technical Parameters

Order No.	Volume	Chamber size(Φ×L)	Overall dimensions(L×W×H)	Basket size(Φ×L)	Basket layer	Net weight	Power supply	Rated power
LMQ.C-50T	50L	Φ316×667mm	616×476×990mm	Φ300×258mm	2	70kg	AC220V, 50Hz	5.0kw
LMQ.C-80T	80L	Φ386×695mm	688×546×1030mm	Φ365×272mm	2	87kg	AC220V, 50Hz	5.3kw
LMQ.C-100T	100L	Φ386×860mm	688×546×1195mm	Φ365×355mm	2	92kg	AC220V, 50Hz	7.5kw

Application

It is suitable for sterilization of instruments, beddings, rubber, glassware, liquids and other items in township hospitals, community hospitals, clinics, family planning service stations and other medical and health departments.

Performance Features

- Adopt microcomputer control technology, touch key.
- Dynamic display of sterilization process, LED digital display of room temperature, time and alarm code.
- Manual water injection and drainage, automatic control of heating, sterilization and venting.
- With various sterilization cycles for instruments, beddings, rubber, liquids, user, etc.
- The default parameters can be set and modified by yourself, the counts of positive pressure pulses, upper limit of pulsation, lower limit of pulsation, sterilization temperature, sterilization time, boiling point temperature, end temperature and other parameters can be set by yourself.
- Automatic over-temperature protection device, door safety interlock device, automatic over-pressure relief safety valve, short-circuit protection, over-pressure protection, heat insulation and anti-scalding door cover.
- Printer optional.

- Design pressure: -0.1/0.28Mpa
- Design temperature: 142°C
- Sterilization temperature range: 105~138°C
- Chamber: 304 stainless steel
- Accessories: Stainless steel sterilization basket×2



Control panel

Optional basket

Optional disinfection drum

Technical Parameters

Order No.	Volume	Chamber size(Φ×L)	Overall dimensions(L×W×H)	Basket size(Φ×L)	Basket layer	Net weight	Power supply	Rated power
LMQ.C-50EJ	50L	Φ316×667mm	616×476×990mm	Φ300×258mm	2	65kg	AC220V, 50Hz	5.0kw
LMQ.C-80EJ	80L	Φ386×695mm	688×546×1030mm	Φ365×272mm	2	82kg	AC220V, 50Hz	5.3kw