

SENHO MEDICAL 千樱医疗

★ 本资料所提供的图样、参数仅供参考，如有变动恕不另行通知，千樱公司保留最终解释权。
The drawings and parameters provided in this document are for information purpose only and subject to change without prior notice.
SENHO Medical Equipment Co., Ltd reserves the rights for final interpretation.

SENHO



CE



ISO13485: 2003



ISO9001: 2000

 **SENHO** 连云港千樱医疗设备有限公司 
LIANYUNGANG SENHO MEDICAL EQUIPMENT CO.,LTD

总部地址: 连云港经济技术开发区长江路19号

Add: No.19 ChangJiang Road Tech & Econ development Zone .LianYunGang. China

营业部业务电话/Tel: 0518-82342912

传真/Fax: 0518-82345913

服务质量投诉电话/Service: 0518-82345991

技术咨询电话/Hot line: 0518-82342912

邮编/P.C.: 222047

http://www.kuosengroup.com

E-mail:sales@kuosengroup.com

MINI STEAM STERILIZER



小型蒸汽灭菌器

MINI STEAM STERILIZER

 **SENHO** 连云港千樱医疗设备有限公司
LIANYUNGANG SENHO MEDICAL EQUIPMENT CO.,LTD



SENOH

TMQ N 级台式蒸汽灭菌器

TMQ Class N Desktop Steam Sterilizer

- 连云港千樱医疗设备有限公司位于欧亚大陆桥头堡，坐落在风景秀丽的海滨城市——连云港。
- 连云港千樱医疗设备有限公司成立于一九九五年，拥有日本樱花精机株式会社和日本千代田制作所的先进技术，是专业生产消毒灭菌设备的公司。公司设立了具有国内先进水平的医疗装备研究所。其制造的各种产品是各医院、食品加工及软包装、制药行业液体消毒灭菌的理想设备，产品符合 GMP 验证要求，技术达到国际先进水平。具有消毒灭菌彻底、节约能源、操作简便、工作效率高等优点，以工艺先进、功能齐全、使用寿命长、售后服务周到而著称。
- 公司制造的系列灭菌器曾先后荣获省、部优产品称号。九八年荣获“医疗器械行业灭菌消毒设备全国市场占有率第一的品牌”、“医疗器械行业灭菌消毒设备类质量满意度第一品牌”、“全国医院用消毒设备优秀产品”三项荣誉。九九年二月通过中国方圆认证委员会组织的“ISO9002 国际质量体系认证”。“九九—二零零二”荣获“制药机械类、全国用户产品质量满意，售后服务满意十佳”企业。二零零一年被中国建设银行江苏省分行企业信用等级委员会评定为 AAA 信用等级企业。二零零二年通过美国机械工程协会 ASME 认证和欧盟 CE 认证。且被授予“江苏省高新技术企业”称号列为国家火炬计划重点企业。2006 年获得省名牌，2007 年获得省级企业技术中心。
- 我们以标准的质量和安体系赢得顾客的信任，千樱医疗设备将竭尽全力构建无菌空间。
- 台式蒸汽灭菌器，采用日本的灭菌工艺。是一种高效、节能、环保的小型蒸汽灭菌器设备。它专业的工作设计符合各种实验室、小型诊所及手术室等场所的快速灭菌消毒要求。它利用高温高压条件下饱和蒸汽灭菌的原理，对灭菌物品进行高效的灭菌。设备操作简单、无噪音、无污染、外形美观。灭菌器腔体由支架及托盘科学的分离了灭菌空间，并且方便灭菌物的放置与存取。
- Lianyungang SENOH Medical Equipment Co., Ltd. is located at eastern bridgehead of the Eurasia Land Bridge and in the coastal city with beautiful scenery, Lianyungang.
- Founded in 1995, it owns the advanced technologies from Japan Sakura SEIKI Co., Ltd. and Japan Chiyoda Manufacturing Factory and is a company specializing in production of sterilization and disinfection equipment. The company has established the medical equipment research institution with advanced level in China. The various products manufactured by the Company are ideal ones for liquid sterilization and disinfection in each hospital and such fields as food processing, flexible package and pharmaceutical industry. The products satisfy the requirements of GMP inspection and their technology achieves the advanced level internationally. They have the advantages of thorough sterilization and disinfection, energy conservation, easy and simple operation, high work efficiency and so on and are famous for their advanced technology, complete functions, long service life and satisfactory after-sale service.
- The Company has won the honor of excellent products at provincial and ministerial levels successively for its series sterilizers. In 1998, the Company won three honors with its products including "having a brand with the No.1 market share for sterilization and disinfection equipment in the medical equipment industry in China", "having a brand with No.1 quality satisfaction degree for sterilization and disinfection equipment in the medical equipment industry" as well as "being excellent products for sterilizing equipment used in hospitals in China". In February 1999, it passed the "ISO9002 International Quality System Certification" organized by CQM. In addition, it won the title "one of top ten enterprises with product quality satisfaction and after-sale service satisfaction in pharmaceutical machinery industry of China" from 1999 to 2002. In 2001, it was rated as an enterprise with credit rating of AAA by Corporate Credit Rating Committee of China Construction Bank, Jiangsu Branch. Moreover, in 2002, it passed the certification respectively from American Society of Mechanical Engineers (ASME) and CE certification of EU in 2002, and it was also honored with the title of "High and new tech enterprise in Jiangsu Province" and was listed in key enterprises in State Torch Program of China.
- SENOH Medical Equipment Company has won the trust of customers with its standard quality and safety system, and will try our best to create an aseptic space.
- The table-top steam sterilizer is a small high-efficiency, energy-saving and environmentally-friendly steam sterilizing device which adopts the sterilizing process from Japan. Its specialized working design can meet the quick sterilizing requirements of such places as various libraries, small clinics and operating rooms, and it can sterilize the articles efficiently by use of the principle of saturated steam sterilizing under high temperature and pressure. It is easy to be operated, free of noises and pollution, and has a pleasing shape. With a cavity having its sterilizing space separated scientifically by rack and tray, it is convenient for storing and taking the objects to be sterilized.



TMQ-300E/B



TMQ-380E(II)Y/C



用途 / 特点

- 采用微电脑控制，触摸式控制按键，灭菌信息动态显示。
- 注水、升温、灭菌、排气、干燥过程全自动控制。（可选）
- 设备采用汽水内循环系统，不外接水源，环境清洁干燥。
- 内置多种灭菌程序供用户对不同物品进行灭菌选择。
- 可选配打印机，方便实时记录灭菌过程。
- 需要把灭菌循环结束，蜂鸣提示。
- 灭菌循环结束，蜂鸣提示。
- 具有自动检测功能，故障自动报警并显示错误代码。
- 具有液位和防干烧系统双重保护，确保操作安全。
- 具有超压自动泄压的安全阀及压力安全门连锁装置。
- 具有超过设定温度，系统自动切断加热电源功能。

Purpose/Features

- Microprocessor and touch-key control with dynamic display of sterilization status.
- Full automatic control of heating, sterilization, steam exhausting and drying processes. (optional)
- Internal steam-water loop system requiring no external water supply to ensure clean and dry environment.
- Built-in sterilization programs available for selection of different sterilization processes.
- Compatible with printers, convenient for recording of sterilization processes.
- Buzzer reminding upon completion of sterilization.
- Automatic detection and failure alarm with error code display.
- Dry-heating proof and automatic excess temperature prevention ensuring operational safety.
- Automatic overpressure release safety valve and pressure door safety interlocking structure.
- Overheating limitation settings available for power cutting-off of heating system.

Technical Parameters 主要技术参数

Specifications 型号 Model	外型尺寸 Overall Dimension (L×W×Hmm)	灭菌室尺寸 Chamber Dimension (φ×L mm)	容积 Cubage (L)	电源 Power Supply (v/Hz)	功率 Power (kw)	净重 N.W. (Kg/台set)
TMQ-300E/B	650×540×480	300×510	35	220/50	2.5	50
TMQ-380E(II)Y/C	960×750×520	380×700	80	380/50	5.4	110
设计压力 / Design Pressure: 0.27Mpa 工作温度 / Working Temperature: 134℃ 腔体材料 / Cavity Material: SUS304 不锈钢 / SUS304 Stainless Steel						

TMQ B 级台式脉动真空蒸汽灭菌器

TMQ Class B Desktop Pulsating Vacuum Steam Sterilize



• TMQ-380B II



• TMQ-230B • TMQ-240BF

用途 / 特点

- 采用微电脑自动控制技术，触摸式按键，操作简便。
- 注水、置换、升温、灭菌、排气、干燥过程自动控制。
- 温度、时间、压力等灭菌过程信息动态显示，行程结束时，系统自动蜂鸣提示。
- 内置多个灭菌程序，并有 B-D 测试和真空检测程序。
- 具有真空装置，真空度最高可达 -0.095Mpa，空气排除彻底。
- 汽水内循环无排放，环保、节能、无污染。
- 可选配打印机，方便对灭菌过程的检测和记录。
- 具有自动检测功能，故障自动报警并显示错误代码。
- 具有液位和防干烧系统双重保护，确保操作安全。
- 具有超压自动泄压的安全阀及压力安全门连锁装置。
- 具有超过设定温度，系统自动切断加热电源功能。

Purpose/Features

- Automatic microprocessor control technology with touch keys.
- Automatic control of replacement, heating, water, sterilization, steam exhausting and drying processes.
- Dynamic heating, time and sterilization display, automatic buzzer reminding of process completion.
- Built-in sterilization programs, with B-D testing and vacuum inspection programs.
- Vacuum device with a vacuum degree up to -0.095Mpa for thorough air elimination.
- Non-discharge internal vapor-water loop system, energy-saving, environment-friendly and pollution-free.
- Compatible with printers, convenient for testing and recording of sterilization process.
- Automatic detection and failure alarm with error code display.
- Double protection with liquid level indication and dry-heating proof system for secured operational safety.
- Automatic overpressure release safety valve and pressure door safety interlocking structure.
- Overheating limitation settings available for power cutting-off of heating system.

主要技术参数 Technical Parameters

型号 Model	规格参数 Specifications Technical Parameters	外型尺寸 Overall Dimension (L×W×Hmm)	灭菌室尺寸 Chamber Dimension (φ×L mm)	容积 Cubage (L)	电源 Power Supply (v/Hz)	功率 Power (kw)	净重 N.W. (Kg/台set)
TMQ-230B		680×550×495	250×355	18	220/50	1.8	46
TMQ-240BF		760×550×495	250×450	23	220/50	2.3	56
TMQ-380B II		820×700×520	380×530	60	220/50	3.6/4.5	110
设计压力 /Design Pressure: 0.27Mpa 工作温度 /Working Temperature: 134℃ 腔体材料 /Cavity Material: SUS304 不锈钢 /SUS304 Stainless Steel							

LMQ N 级立式蒸汽灭菌器 (全自动)

LMQ N Stage Vertical Steam Sterilizer (automatic)



• LMQ-316E



• LMQ-380E

用途 / 特点

- 智能微电脑控制系统全自动灭菌，更加安全、重复性更好
- 具有自检验系统，出错或发生故障时显示故障代码
- 具有预置的灭菌模式和自由设定灭菌模式可供用户自由选择
- 具有饱和蒸汽检测程序确保最佳灭菌效果
- 具有不同排气控制模式，用户可以根据情况自由选择
- 具有定时气动功能，是灭菌器按设定时间自动启动灭菌
- 设备可连接电脑满足用户对于数据处理和分析要求，可选打印机
- 具有防干烧保护系统确保加热器异常时自动切断电源
- 内胆采用 SUS304 优质不锈钢电解抛光处理
- 美观的控制面膜界面可直观的显示灭菌全过程
- 具有安全自检功能，断电时无法开启门盖
- 具有开启温度和压力自感应连锁装置确保操作安全
- 温度异常时切断加热并报警及机械式超温保护器
- 具有过压保护系统及压力安全阀双重超压保护功能双重超温保护功能

Purpose/Features

- Full automatic sterilizing with intelligent microprocessor control system, which is safer and better in repetitiveness.
- Automatic detection system with error code display when error or failure occurs.
- Preset sterilization mode and optional mode settings available for selection.
- Saturated steam detection program for better sterilizing effect.
- Different exhausting control mode available for selection.
- Timed pneumatic function for automatic sterilizing starting according to the preset time.
- Connectible with pc to meet with customer's demand of data processing and analysis, and optional printer.
- Protection with dry-heating proof system to insure automatic power cutting off when heater is abnormal.
- Inner chamber with high quality of sus 304 stainless steel with electrolytic polishing.
- Blazonry touch pannel for intuitive display of the whole sterilizing process.
- Automatic security detection function with incapable of door opening when power off.
- Interlocking structure with automatic sensor of temperature and pressure for secured operational safety.
- Abnormal temperature available for power cutting-off of heating system and alarm and mechanical protection of overheating.
- Double protection of overheating and overpressure with overpressure proof system and pressure safety valve

Technical Parameters 主要技术参数

型号 Model	规格参数 Specifications Technical Parameters	外型尺寸 Overall Dimension (L×W×Hmm)	内胆尺寸 Cavity size (φ×Lmm)	容积 Cubage (L)	电源 Power Supply (v/Hz)	功率 Power (kw)	净重 N.W. (Kg/台set)
LMQ-316E (EZ/EJ/KZ)		520×612×840	370×508	50	220/50	3.6	79
LMQ-380E (EZ/EJ/KZ)		520×612×1070	370×730	75	220/50	4.8	120
设计压力 /Design Pressure: 0.27Mpa 工作温度 /Working Temperature: 135℃ 腔体材料 /Cavity Material: SUS304 不锈钢 /SUS304 Stainless Steel							



SENOH

TMQ N 级台式蒸汽灭菌器

TMQ Class N Desktop Steam Sterilizer

- 连云港千樱医疗设备有限公司位于欧亚大陆桥头堡，坐落在风景秀丽的海滨城市——连云港。
- 连云港千樱医疗设备有限公司成立于一九九五年，拥有日本樱花精机株式会社和日本千代田制作所的先进技术，是专业生产消毒灭菌设备的公司。公司设立了具有国内先进水平的医疗装备研究所。其制造的各种产品是各医院、食品加工及软包装、制药行业液体消毒灭菌的理想设备，产品符合 GMP 验证要求，技术达到国际先进水平。具有消毒灭菌彻底、节约能源、操作简便、工作效率高等优点，以工艺先进、功能齐全、使用寿命长、售后服务周到而著称。
- 公司制造的系列灭菌器曾先后荣获省、部优产品称号。九八年荣获“医疗器械行业灭菌消毒设备全国市场占有率第一的品牌”、“医疗器械行业灭菌消毒设备类质量满意度第一品牌”、“全国医院用消毒设备优秀产品”三项荣誉。九九年二月通过中国方圆认证委员会组织的“ISO9002 国际质量体系认证”。“九九—二零零二”荣获“制药机械类、全国用户产品质量满意，售后服务满意十佳”企业。二零零一年被中国建设银行江苏省分行企业信用等级委员会评定为 AAA 信用等级企业。二零零二年通过美国机械工程协会 ASME 认证和欧盟 CE 认证。且被授予“江苏省高新技术企业”称号列为国家火炬计划重点企业。2006 年获得省名牌，2007 年获得省级企业技术中心。
- 我们以标准的质量和安体系赢得顾客的信任，千樱医疗设备将竭尽全力构建无菌空间。
- 台式蒸汽灭菌器，采用日本的灭菌工艺。是一种高效、节能、环保的小型蒸汽灭菌器设备。它专业的工作设计符合各种实验室、小型诊所及手术室等场所的快速灭菌消毒要求。它利用高温高压条件下饱和蒸汽灭菌的原理，对灭菌物品进行高效的灭菌。设备操作简单、无噪音、无污染、外形美观。灭菌器腔体由支架及托盘科学的分离了灭菌空间，并且方便灭菌物的放置与存取。
- Lianyungang SENOH Medical Equipment Co., Ltd. is located at eastern bridgehead of the Eurasia Land Bridge and in the coastal city with beautiful scenery, Lianyungang.
- Founded in 1995, it owns the advanced technologies from Japan Sakura SEIKI Co., Ltd. and Japan Chiyoda Manufacturing Factory and is a company specializing in production of sterilization and disinfection equipment. The company has established the medical equipment research institution with advanced level in China. The various products manufactured by the Company are ideal ones for liquid sterilization and disinfection in each hospital and such fields as food processing, flexible package and pharmaceutical industry. The products satisfy the requirements of GMP inspection and their technology achieves the advanced level internationally. They have the advantages of thorough sterilization and disinfection, energy conservation, easy and simple operation, high work efficiency and so on and are famous for their advanced technology, complete functions, long service life and satisfactory after-sale service.
- The Company has won the honor of excellent products at provincial and ministerial levels successively for its series sterilizers. In 1998, the Company won three honors with its products including "having a brand with the No.1 market share for sterilization and disinfection equipment in the medical equipment industry in China", "having a brand with No.1 quality satisfaction degree for sterilization and disinfection equipment in the medical equipment industry" as well as "being excellent products for sterilizing equipment used in hospitals in China". In February 1999, it passed the "ISO9002 International Quality System Certification" organized by CQM. In addition, it won the title "one of top ten enterprises with product quality satisfaction and after-sale service satisfaction in pharmaceutical machinery industry of China" from 1999 to 2002. In 2001, it was rated as an enterprise with credit rating of AAA by Corporate Credit Rating Committee of China Construction Bank, Jiangsu Branch. Moreover, in 2002, it passed the certification respectively from American Society of Mechanical Engineers (ASME) and CE certification of EU in 2002, and it was also honored with the title of "High and new tech enterprise in Jiangsu Province" and was listed in key enterprises in State Torch Program of China.
- SENOH Medical Equipment Company has won the trust of customers with its standard quality and safety system, and will try our best to create an aseptic space.
- The table-top steam sterilizer is a small high-efficiency, energy-saving and environmentally-friendly steam sterilizing device which adopts the sterilizing process from Japan. Its specialized working design can meet the quick sterilizing requirements of such places as various libraries, small clinics and operating rooms, and it can sterilize the articles efficiently by use of the principle of saturated steam sterilizing under high temperature and pressure. It is easy to be operated, free of noises and pollution, and has a pleasing shape. With a cavity having its sterilizing space separated scientifically by rack and tray, it is convenient for storing and taking the objects to be sterilized.



TMQ-300E/B



TMQ-380E(II) y/C



用途 / 特点

- 采用微电脑控制，触摸式控制按键，灭菌信息动态显示。
- 注水、升温、灭菌、排气、干燥过程全自动控制。（可选）
- 设备采用汽水内循环系统，不外接水源，环境清洁干燥。
- 内置多种灭菌程序供用户对不同物品进行灭菌选择。
- 可选配打印机，方便实时记录灭菌过程。
- 需要把灭菌循环结束，蜂鸣提示。
- 灭菌循环结束，蜂鸣提示。
- 具有自动检测功能，故障自动报警并显示错误代码。
- 具有液位和防干烧系统双重保护，确保操作安全。
- 具有超压自动泄压的安全阀及压力安全门连锁装置。
- 具有超过设定温度，系统自动切断加热电源功能。

Purpose/Features

- Microprocessor and touch-key control with dynamic display of sterilization status.
- Full automatic control of heating, sterilization, steam exhausting and drying processes. (optional)
- Internal steam-water loop system requiring no external water supply to ensure clean and dry environment.
- Built-in sterilization programs available for selection of different sterilization processes.
- Compatible with printers, convenient for recording of sterilization processes.
- Buzzer reminding upon completion of sterilization.
- Automatic detection and failure alarm with error code display.
- Dry-heating proof and automatic excess temperature prevention ensuring operational safety.
- Automatic overpressure release safety valve and pressure door safety interlocking structure.
- Overheating limitation settings available for power cutting-off of heating system.

Technical Parameters 主要技术参数

Specifications 型号 Model	外型尺寸 Overall Dimension (L×W×Hmm)	灭菌室尺寸 Chamber Dimension (φ×L mm)	容积 Cubage (L)	电源 Power Supply (v/Hz)	功率 Power (kw)	净重 N.W. (Kg/台set)
TMQ-300E/B	650×540×480	300×510	35	220/50	2.5	50
TMQ-380E(II) y/C	960×750×520	380×700	80	380/50	5.4	110

设计压力 / Design Pressure: 0.27Mpa 工作温度 / Working Temperature: 134℃ 腔体材料 / Cavity Material: SUS304 不锈钢 / SUS304 Stainless Steel