

WARNING

THIS DRAWING GIVES THE BASIC INSTRUCTIONS FOR PROVIDING THE SUPPLY SERVICES AND ENVIRONMENT THAT GUARANTEES THE PROPER FUNCTIONING OF THE PRODUCTS FROM THIS COMPANY. THE PURCHASER, AND THE PURCHASER'S INSTALLERS SHALL PROVIDE THE SUPPLY LINES NECESSARY FOR EACH PRODUCT IN ACCORDANCE WITH ESTABLISHED APPLICABLE NORMS AND REGULATIONS. THE COMPANY DECLINES ALL RESPONSABILITY FOR FAILURE TO COMPLY WITH SUCH LAWS AND REGULATIONS.

NOTE

THIS COMPANY RESERVES THE RIGHT TO MODIFY THIS DRAWING ACCORDING TO THE TECHNICAL DEVELOPMENT OF THE EQUIPMENT.

This equipment has been designed for use in accordance with the International EMC (Electromagnetic Compatibility) Standards. In view of different environments, please follow the instructions given below to eliminate interference, if necessary.

- Move the equipment or rotate its direction;
- Enlarge the space between the equipment and other machines;
- Put the plug into other outlets;
- Please consult with the local distributor or qualified electrician.

Installation:

1. It will require at least Four(4) or more people to carry the sterilizer to avoid dropping it off by mistake.
2. Located position the sterilizer on a stable bench or work surface.
3. Position the sterilizer on a stable laboratory bench or work surface, ensuring at least 100-200 mm clearance between the wall or other pieces of equipment and the sides of the unit for free circulation of air.
4. Make sure that the door can be opened freely after installation.
5. Do not install or operate the sterilizer in areas where flammable items or volatile substances are used or stored. An explosion could occur, causing personal injury. An installation site with good air circulation is required.
6. A separate (dedicated) socket is required for the sterilizer. Make sure the socket is earthed and can offer the capacity of 20 A / 230V AC/ 3000 W.

ENVIRONMENT CONDITIONS IN THE STERILE AREA:

- Indoor use;
- Under 1,000m (altitude);
- Temperature 5°C to 40°C;
- Relative Humidity 80%RH@31°C to Relative Humidity 50%RH@40°C;
- Voltage fluctuation $\pm 10\%$;
- Transient overvoltages category III;
- (Pollution degree 2)

Important Safety Instructions :

1. Connect the external water supplier to the water inlet with pressure greater than 2~8 bar, 15~30°C.
2. Refer to the table for the requirements of water quality.
3. Connect the drainage pipe to exhaust the used water according to the local authority's law.
4. Do not obstruct the drainage system.
5. Consult technicians for the correct connections.
6. Drainage pipe $\phi \geq 1"$ metallic pipe, corrosion resistance 2"G. and a temperature of 100°C above.

ATTENTION:

- CHAMBER DIMENSIONS: $\phi 300$ mm x 710 mm.
- DEVICE OUTSIDE DIMENSIONS: 600(W) mm x 980(H) mm x 450(D) mm.
- ALL THE OUTLETS MUST BE INSTALLED ACCORDING TO LOCAL APPLICABLE NORMS.
- THE INSTALLATION UP TO THE MACHINE AS WELL AS THE SUPPLY OF ACCESSIBLE KEY ACCORDING TO THE SPECIFICATIONS INDICATED IN THE DRAWING, ARE CHARGEABLE TO THE PURCHASERS.
- THE MEASUREMENTS OF THIS DRAWING ARE CONSIDERING FINISHED WALLS.
- THE SPACES OF MAINTENANCE MUST BE SUFFICIENTLY ILLUMINATED.

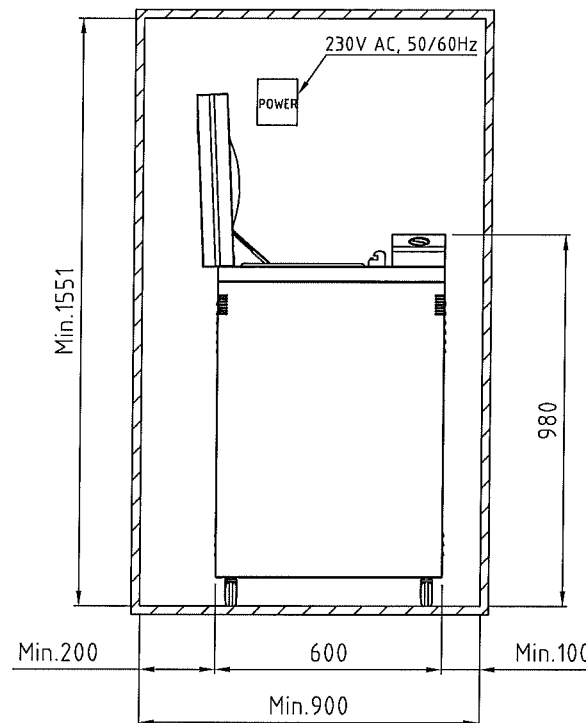
MARK	REVISION RECORD 變更內容	DATE 日期	DRAWN 修改
1			
2			
3			

Table : Suggested maximum limits of contaminants in and specification for water for steam sterilization

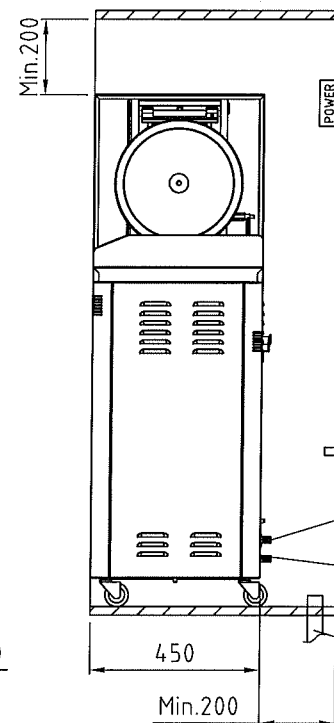
	feed water
Evaporate residue	≤ 10 mg/l
Silicium oxide , SiO_2	≤ 1 mg/l
Iron	≤ 0.2 mg/l
Cadmium	≤ 0.005 mg/l
Lead	≤ 0.05 mg/l
Rest of heavy metals , excluding iron, cadmium, lead	≤ 0.1 mg/l
Chloride	≤ 2 mg/l
Phosphate	≤ 0.5 mg/l
Conductivity (at 20°C)	$\leq 15 \mu\text{S/cm}$
pH value	5 to 7.5
Appearance	colourless, clean, without sediment
Hardness	≤ 0.02 mmol/l

NOTE

1. The use of water for steam generation with contaminants at levels exceeding those given in this Table can greatly shorten the working life of a sterilizer and can invalidate the manufacturer's warranty of guarantee.
2. The feed water following the EN 13060, Appendix C.



FRONT VIEW



RIGHT VIEW

- ① TREATED WATER (DISTILLED WATER) 1/2" (PIPE-END HIGH > 400mm)
- ② WATER INLET 1/2"
- ③ WATER OUTLET 1/2"
- ④ DRAINAGE PIPE (METAL $\phi \geq 1"$) (PIPE-END HIGH ≤ 30 mm)



STURDY 新駿實業股份有限公司 STURDY INDUSTRIAL CO., LTD.

TOLERANCE	未標註者一般公差表	未標示之圓角為R1導角為C1	DESIGNED 設計:	DRAWN 繪圖:	VERIFIED 校核:	APPROVED 核准:
0~10 ± 0.10	51~100 ± 0.20	201~500 ± 0.30	ANGLE $\pm 1^\circ$	Chagi	Chagi	
11~50 ± 0.15	101~200 ± 0.25	501~X ± 0.35	VIEWPOINT 視角	20150313	20150313	
MATERIAL 材質	SCALE 比例 1:20	UNIT 單位 mm	NAME 圖名 SA-300VMA INSTALLATION PLAN			
SURFACE FINISHING 表面處理	MODEL NO. 代表機種 SA-300VMA	DWG. NO. 圖號 SA-300VMA-HE-001-01				