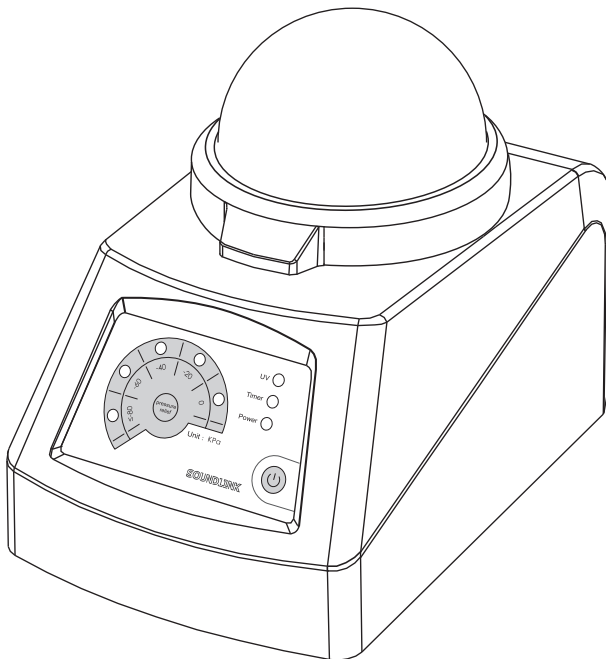


EW01 - M

Vacuum Desiccator Manual



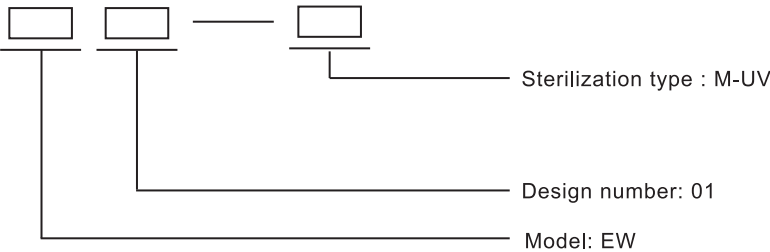
Product description

Hearing aids and cochlear implants are precise and costly electronic devices.

They are easily eroded by sweat and moisture, meanwhile, it's easy to breed bacteria. Thus, a device with UV function of sterilization and disinfection are much welcomed.

Soundlink EW01-M Vacuum Desiccator has the comprehensive functions of vacuum dehumidification, drying, sterilization and timing. which applied to the daily maintenance of hearing aids and cochlear implants by individual users and hearing centers.

Model



Example: EW01-M is represented sterilization type Vacuum care device with design serial number of 01

Technical parameter

1.Operating environment:

A.Environment temperature: $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$

B.Air humidity: $\leq 80\% \text{RH}$ (when temperature is 25°C)

C: The atmospheric pressure range: 86kpa-106kpa

D.There should be no flammable corrosive gas or conductive dust in the surrounding air

2.Power supply: DC12.0V/3.0A

3.Power $\leq 36\text{W}$

4.Limit negative pressure: $\leq -80\text{kPa}$

5.UV light: Central wavelength 275nm 50uW/cm² (Vertical distance 35mm)

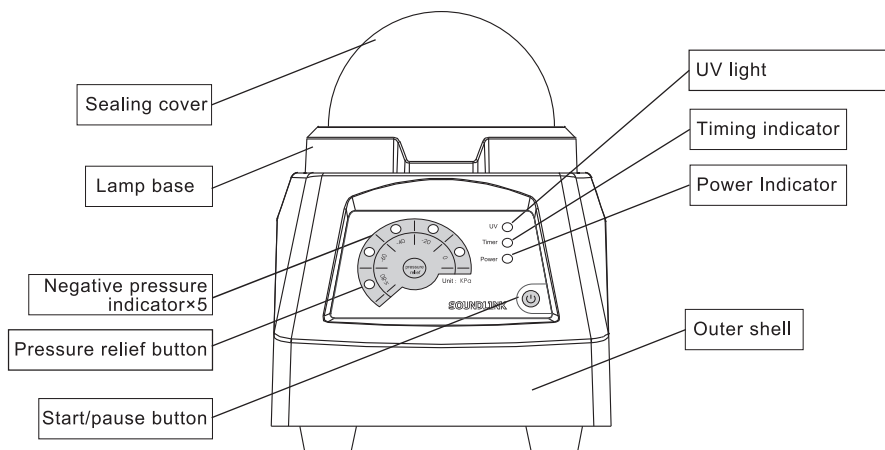
6.Timer:15min

7.Noise: $\leq 55\text{dB}$

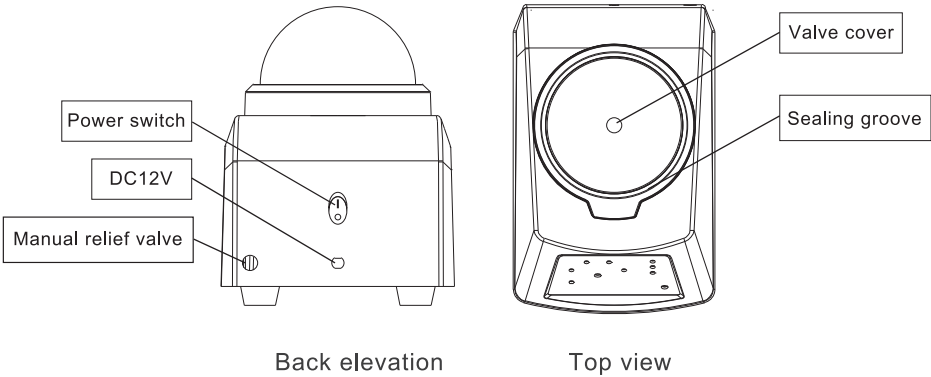
8.External size: 230*150*190mm

9.Weight:2kg

Structure



EW01-M Vacuum Desiccator is composed of out shell, lamp holder, sealing cover, vacuum pump, gas circuit, circuit and other parts.



Instructions

1. Open the sealing cover, place the hearing aid or cochlear implant in the vacuum chamber, and cover the sealing cover.
2. Plug in, press the power switch on the back panel, Red power indicator light up accordingly.
3. Press the start/stop (off/on) button, the timing indicator turns on in green, and the vacuum pump starts to work. With the sealing cover tightly covered, the negative pressure indicator lights up sequentially and the sterilization indicator on the panel lights on in yellow, UV lamp inside turns on at the same time. Negative pressure indicators will all light up when the negative pressure reaches its limit.

4. After 15 minutes , the vacuum pump stops working; UV light off; Time indicator of green light flashes (flash slowly), the vacuum drying process ends. Press the unloading button, pressure relieves quickly while the corresponding indicator lights go out in turn. Until the air pressure of vacuum indoor and outdoor is balanced, the negative pressure indicator lights would be all off. Then the sealing cover can be easily opened and take out the hearing aids or cochlear implants.
5. Press the relieve button during working, pressure will be relieved quickly and the device stops; Sterilization yellow light is off; The sealing cover can only be opened when the negative pressure light turns off while air pressure inside and outside the vacuum chamber reaches a balance.
6. When the solenoid pressure relief valve fails, press the manual pressure relief button on the back of the machine to quickly relieve pressure.
7. If an abnormal circuit condition occurs, the timing indicator will flash (flash quickly).
8. If an abnormal gas path occurs, after 20s, the timing indicator will flash (flash quickly).
9. When the timing indicator is flashing, press the start/stop button to resume the initial state. Press it again to restart.If needs to restart during the pressure retaining stage, make sure to press the pressure relief button to relieve pressure first.

Fault indication and troubleshooting

No.	Symptom	Reason	Troubleshooting	Remark
1	Power indicator is not on	Power adapter is not connected or damaged	Switch on the power or replace the adapter	
2	Vacuum pump working, timing indicator light not on	Timing indicator damaged	Replace timing indicator light	Need professional maintenance
3	The motor works for a period of time, the negative pressure indicator lights are still all off	The gas circuit is disconnected or leaking	1)Check whether the gas circuit is disconnected or leaked 2)Check whether the negative pressure sensor is damaged	Need professional maintenance
4	The motor works for a period of time, part of the negative pressure indicator light are not on	Gas circuit leakage or LED lamp damage	1)Check whether gas circuit leaked 2)Check whether the LED lamp is damaged	Need professional detection and maintenance
5	Timing indicator flashes quickly	Circuit failure	Check the circuit	Need professional detection and maintenance
		Gas circuit failure 1)The sealing cover is not tightly covered 2)Gas circuit is disconnected	1)Cover the sealing cover tightly 2)Check the air path	The 2 nd point need professional detection maintenance
6	UV lamp does not light up	1)Drive circuit is damaged 2)UV lamp is damaged	1)Replace drive circuit 2)Replace UV lamp	Need professional detection maintenance

Notice

- 1.Cover the sealing cover tightly before starting the machine.
- 2.After using, turn off the power switch, unplug the power plug to disconnect the power completely.
- 3.Never place other things on the device to avoid damage.
- 4.Never use the machine in a dusty, humid, high temperature environment.
- 5.If the device breaks down, please do not disassemble and repair it by yourself, but contact the original factory or dealer for help.

Packing list

No.	Item	Type	Qty	Remark
1	Vacuum Desiccator	EW01-M	1pcs	
2	Sealing cover	Size: $\phi 100 \times 50$ (H)mm Thickness: 2mm	1pcs	Sealing cover clear
3	Adaptor	DC 12V/3A	1pcs	
4	User Manual	EW01 series	1pcs	

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