



GaN Power UVC

Sterilization Box



giGaNtically in performance



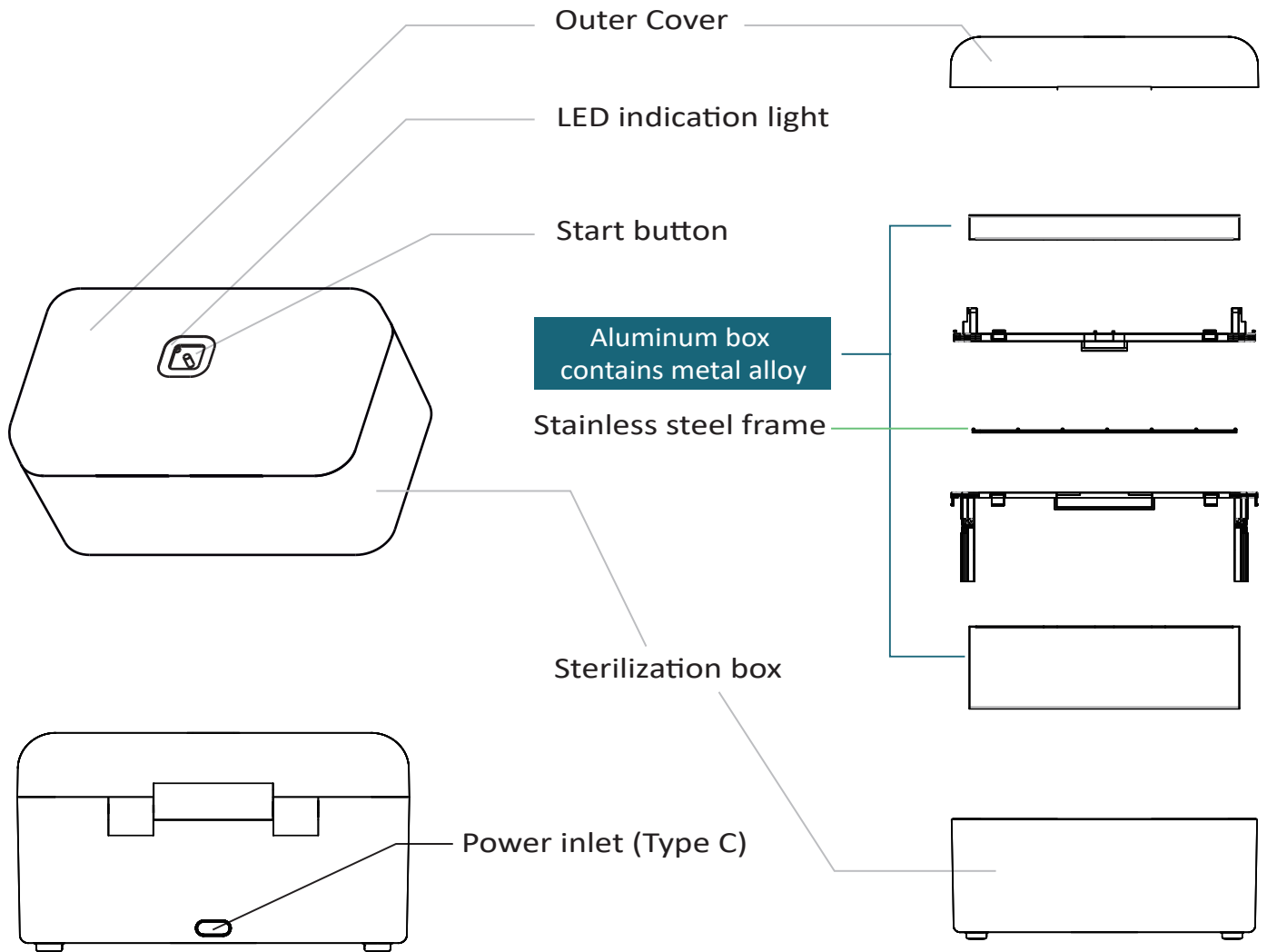
...even SUPERHEROS are not immune



UV-C Sterilizer...

powered by GaN

Product Details



Design concept

Countless invisible bacteria surround us wherever we go, how to protect ourselves and our loved ones is of utmost importance to us. Sterilization with alcohol, bleach or other chemicals can be dangerous and not environment friendly. UVC box uses UVC to sterilize personal items such as face mask, mobile phone, eyeglasses and utensils for daily meals. It is fast, safe and causes no harm to the items sterilized and is environment friendly.



Operation methode

Step	Step description	Status
1	The product is connected to the power supply	LED indicator light are fully bright
2	Open the lid of the box and place the sterilized items	UVC LED is off in the box, LED indicator light is also off
3	Close the lid	LED indicator ring lights are fully bright
4	Press the start button to start sterilization process	The LED indicator ring light flashes once the countdown starts and the UVC sterilization in the Box lights up according to the operation time, it will turned off for a periode of time and afer 1 and a half minutes afer the sterilization operation is completed, the LED indicator flashes twice the LED indicator light flashes once and then fully lights up
5	Desinfection is complete: Open the lid and take out the sterilized items	The UVC in the box is off and the LED indicator ring lighs are all off
6	Automatic sterilizationclose the lid , press and hold the start button and wait for 2 flashes to start the automatic desinfection operation for 10 seconds	The LED ring light rotates and runs for 10 seconds and then lights up afer 2 flashes and the automatic sterilization inside the maschine is completed in 10 seconds

Intelligent power saving mode

If GaN Power UVC Sterilization is not in use for over 5 minutes, it will switch to standby mode. All LED light indicator will go off until the standby mode is reactivated.

To reactivate the unit: Push the start button again and LED light indicator will be back on the unit reactivated

How it works

The UVC LED light will damage the DNA or DNA molecule of the bacteria, causing the death of bacteria hence achieve sterilization.

Applications

For surface sterilization of all appliances.

Strenght

UVC strenght within the unit
 $1\mu\text{W}/\text{cm}^2 \sim 245\mu\text{W}/\text{cm}^2$

Type of microorganisms

Klebsiella pneumoniae, Staphylococcus aureus



Sterilization



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