

The sterilizer which Direct power supply from USB for keyboard  
JOKIN99 M-560 gives you good solution

**99%sterilization**  
**in just 20 minutes**



**Direct power supply from USB**

**99% sterilization**  
**in just 20 minutes**

**You can sterilize**  
**mouse together**  
**because of wide size**  
(560mm inside size)



In Break time



After work

It is difficult to sterilize alcohol. Regular sterilization is recommended for keyboards that many people touch.

Mail to  
infos@jokin99.tech



メール

WEBSITE of JOKIN99  
<https://jokin99.tech>



jokin99

COMPANY WEB SITE  
<https://hikari.ltd>



光製作所

MADE IN JAPAN

# The sterilizer for keyboard

Direct power supply from USB(Universal Serial Bus)  
Sterilized by Plasma UVC tube-lamp



# JOKIN99 M-560

Manufacturer

**H & B** HIKARI Co., Ltd. H&B division

〒444-1213  
7, 1-banchi Sumiyoshi Higashibata  
Anjo-city Aichi-Pref JAPAN

TEL 0566-41-5585 FAX 0566-48-2980

Sterilize 99% of bacteria and viruses  
with 20 minutes of irradiation

# The sterilizer which Direct power supply from USB for keyboard

## — 3-good points —

point  
01

Although the surface of the keyboard is not flat,  
it can be sterilized stably with 6 UVC- tubes.

point  
02

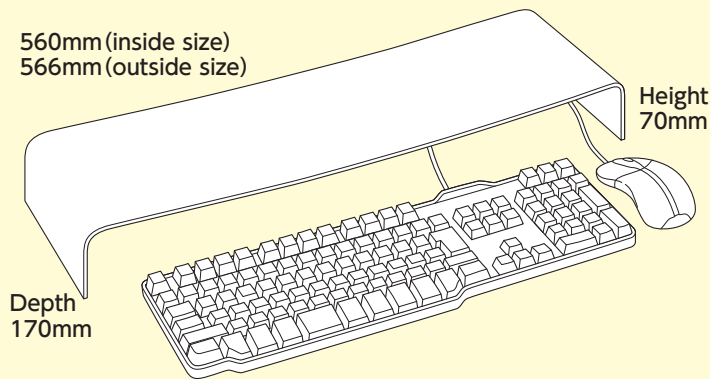
Direct power supply from USB

You can use USB-type2, because of good luminous efficiency.

point  
03

Achieves high safety to the human body,  
because of long-term irradiation of lowpower-UVC rays.  
And, equipped with a 20-minute auto-off function.

It has been confirmed that the light emission is reduced by 30% after about 10,000 hours of use.



Please attention

Never watch the UVC lights directly!



## The sterilization test of JOKIN99 M-560

### Test report

Jun 30th in 2021  
at Pharmacist Association of Aichi pref.

#### Test method

Bacterial strain: Escherichia coli NBRC 3972, Staphylococcus aureus ATCC 6538

Culture medium: SCD Broth Soya Broth

SCD Soybean Casein Digest Agar

Each test strain was grown in SCD bouillon medium and then transferred to SCD agar medium and incubated at 35 ° C for 24 hours. That bacteria were suspended in sterilized saline solution to make the test solution.

Each test bacterial liquid prepared was plated on SCD agar medium.

These agar media were irradiated with JOKIN99 M-560 for 10 and 20 min of UVC. Untreated ones were used as controls (0 min), and these were incubated at 35°C for 24 hours, after which the colonies were checked.

In order to confirm the number of bacteria in the inoculated test solution, the SCD agar medium was inoculated with a suitable dilution of sterile saline solution, incubated at 35 ° C for 24 hours, and the colonies were counted.

#### Test results

Figures 1-2 below. The number of colonies counted was as shown in the table below. The number of colonies in the test solution inoculated at the irradiation time of 0 minutes is shown as the number of colonies.

Bactericidal effect by JOKIN99 M-560

	UVC irradiation time and colony number		
	0min	10min	20min
Escherichia coli (E. coli)	1.1×10 <sup>7</sup>	5	2
Staphylococcus aureus	6.7 x 10 <sup>7</sup>	10	2

(Unit:CFU)

Figure 1: Sterilization effect on E. coli

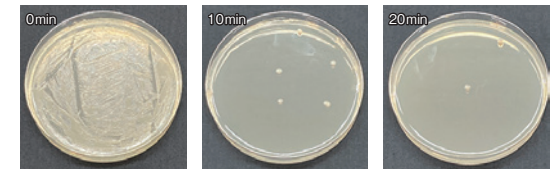


Figure 2: Sterilization effect on Staphylococcus aureus

