

**59S®** | GLOBAL LEADER  
UV-C DISINFECTION



**Soft Medical Line**

Healthcare · Clinic · PPE

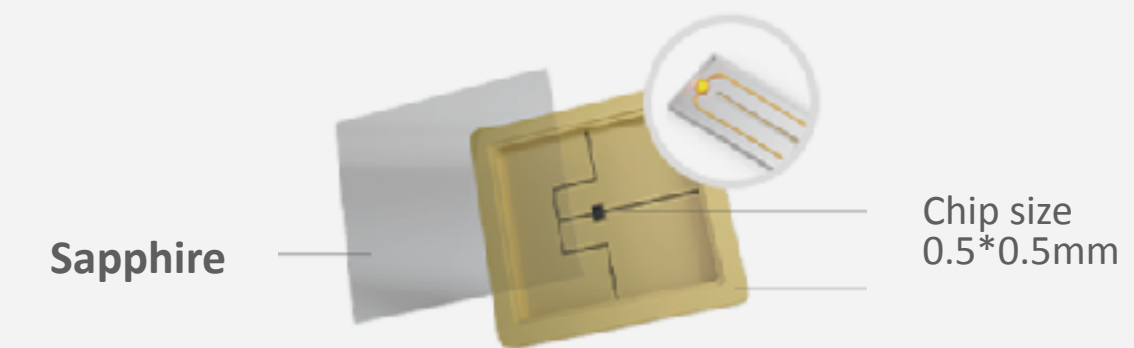
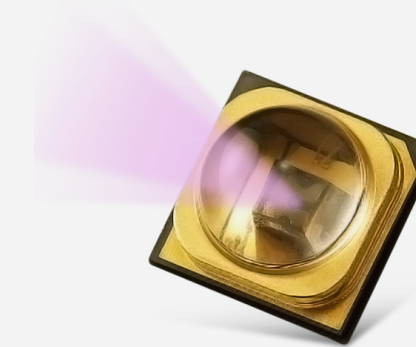
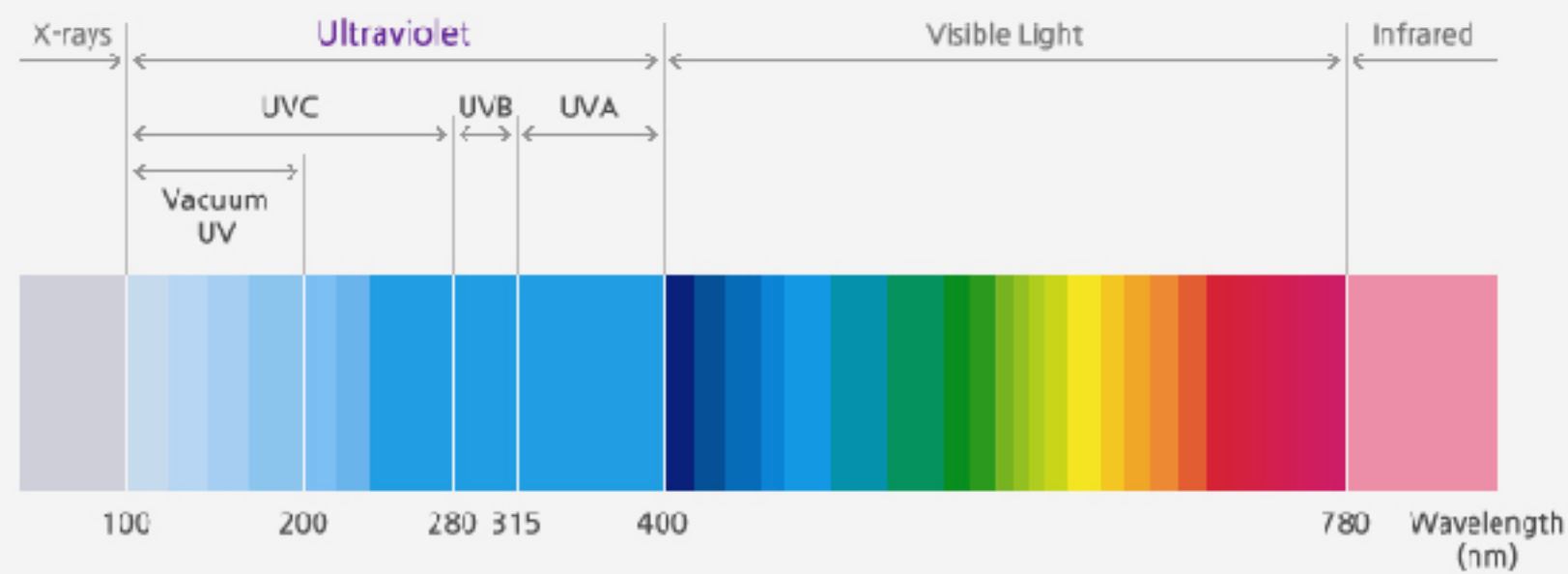
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# UVC LED STERILIZATION

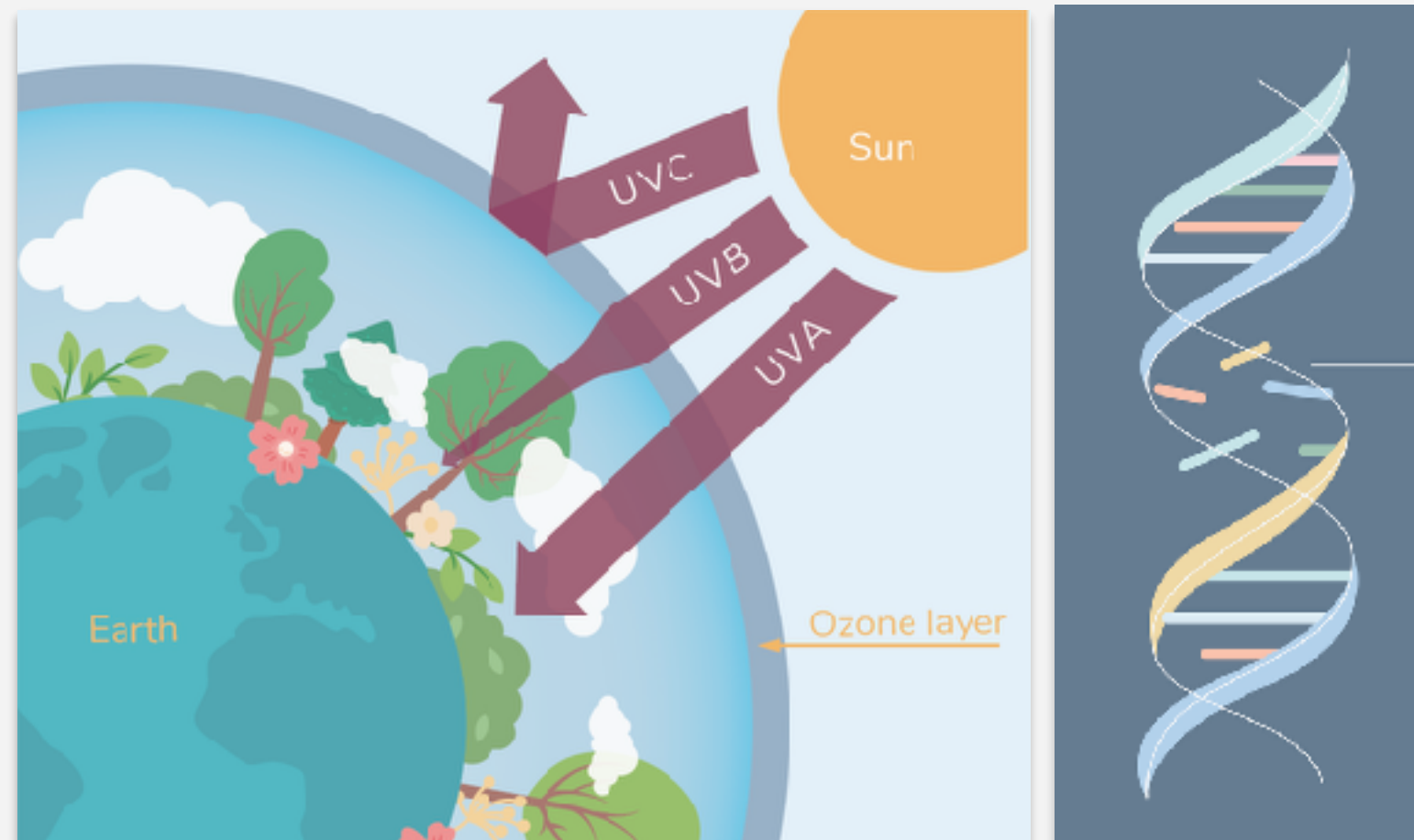


Scan & See in Action



UVC LED Beads, Which is developed for water disinfection of astronaut by SETI company from USA in 1998. The cost of each bead was at **1400USD** at that time.

UVC  
LED



**UV** refers to ultraviolet light produced by the Sun

**UVC** refers to UV light with the wavelength between 200-290 nanometers (nm). It is almost entirely filtered out by the atmosphere before reaching the Earth's surface.

**UVC LED** reproduces the UVC light by taking a special wavelength between 260–280 nm.

## Proven Technology

UVC eliminates up to 99.99% of germs and bacteria by destroying their DNA & RNA, reduces unpleasant smells by decomposing molecular structure of odor. It is a non-chemical disinfection method being used by hospitals and aerospace applications for decades.



59S, TRUSTED BY 1100+ HOSPITALS



## DESKTOP STERILIZER PRO

Kills up to 99.99% of Bacteria  
& germs in 3 Minutes!









One Press | AUTO MODE

## ✦ Instant Clean, Less infection

Disinfection + Odor Reduction + Smart Drying + Sterile Storage





- **3-mins Quick Sterilization**
- **Odor reduction**
- **Smart Drying**
- **Safe & Environmental-Friendly**
- **Portable Design**
- **Sterile Storage**

**T5**

## Specification

Product Name:	UVC LED Sterilizing Box
Model:	T5
LED QTY:	40pcs
Rated Input:	18V= 1.5A / 27W
Input Interface:	Type-C USB
LED Wavelength:	260 -280nm
Size:	302×269×154mm
Net weight:	2 Kg

INNER SIZE: 9.45" x 7.68" x 4.72"

### Packaging List:

Power Adapter x 1  
User Manual x 1  
Warm tips x 1  
Steel Rack x 1  
Testing Report x 1

**CE FC**    **FDA Registration NO. : 3011801651**  
**SGS / Gmicro Testing Report**

**ETL | EPA**



# MULTIUSE UVC STERILIZER P55



Phone  
Earphone  
Watch

Cash  
Car Key  
Wallet

Face Mask  
Glasses  
Toy

Beauty Brushes  
Blender  
Jewelry



## ELIMINATES NASTIES

Kills up to 99.99% of bacteria and germs in 3 minutes with 24 gold UVC LED beads



## SAFE DESIGN

Built-in magnetic switch  
UV lights auto shut-offs when flap is opened



## SMELL THE CLEAN

Kills hard to remove odor causing bacteria



## PROVEN TECHNOLOGY

UVC Lights used by hospitals to disinfect operating rooms of drug-resistant bacteria



## ENVIRONMENTAL-FRIENDLY

Chemical-free  
Ozone-free  
Mercury-free



EPA CE FCC BSCI FDA Registration NO. : 3011801651  
SGS / Gmicro Testing Report

## Independent Lab Testing

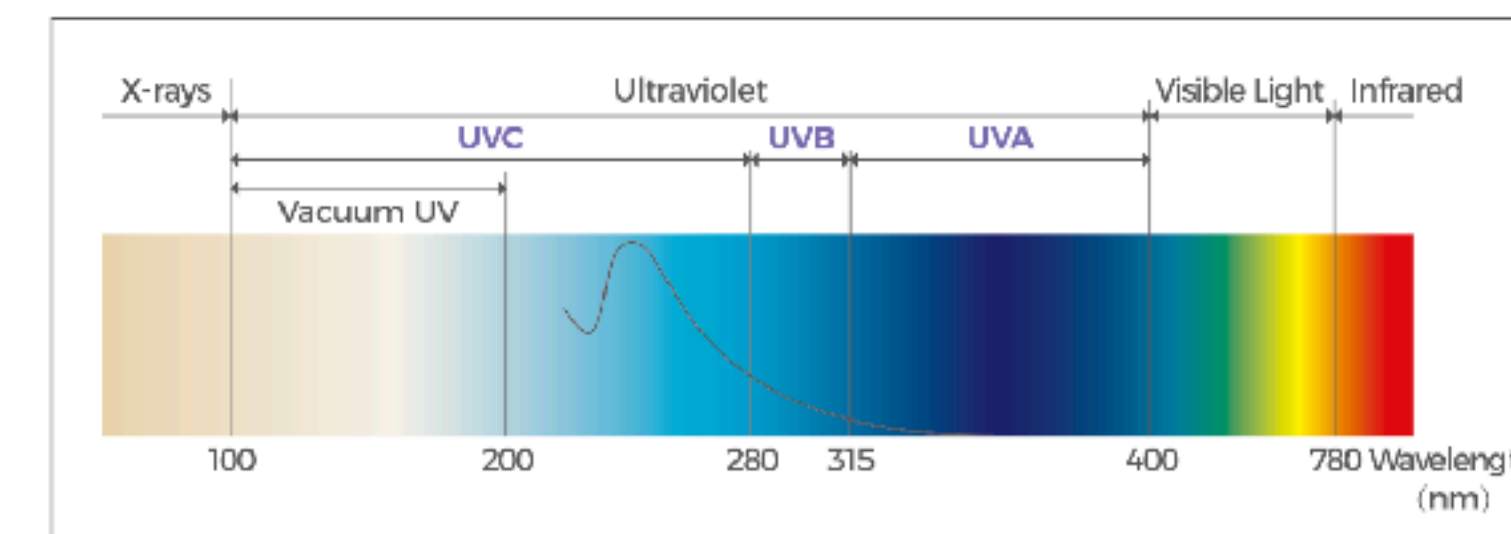
Test Organism	Killing Rate (%)
E-coli	99.99%
S. aureus	99.99%
Candida	99.99%
Pseudomonas aeruginosa	99.99%

## UVC Disinfection Principle

UVC: 100-280nm, (UVC LED produces UV lights at wavelength between 260-280nm can destroy DNA/RNA of germs and bacteria effectively)

UVB: 280-315nm, Protein analysis, Light therapy in medicine mostly

UVA: 315-400nm, Curing of polymers and printer inks







**P55**

## Specification

Product Name:	UVC LED Sterilizing Bag
Model:	P55
LED QTY:	24pcs
Rated Input:	24= 0.75A / 18W
Input Interface:	DC input
LED Wavelength:	260 -280nm
Size:	240×195×150mm
Net weight:	620g

INNER SIZE: 9.45" x 7.48" x 5.51"

### Packaging List:

DC Adapter x 1  
User Manual x 1  
Warm tips x 1  
Steel Rack x 1  
Testing Report x 1



FDA Registration NO. : 3011801651  
SGS / Gmicro Testing Report

 3-mins Quick Sterilization     Odor reduction     Safe & Environmental-Friendly



## MULTIUSE UVC STERILIZER S2

**59S<sup>®</sup>** GLOBAL LEADER  
UVC STERILIZATION



### ELIMINATES NASTIES

Kills up to 99.9% of bacteria and germs in 3 minutes with 28 gold UVC LED beads



### SAFE DESIGN

Built-in magnetic switch  
UV lights auto shut-offs when flap is opened



### SMELL THE CLEAN

Kills hard to remove odor causing bacteria



### PROVEN TECHNOLOGY

UVC Lights used by hospitals to disinfect operating rooms of drug-resistant bacteria



### ENVIRONMENTAL-FRIENDLY

Chemical-free  
Ozone-free  
Mercury-free



## ONE BUTTON TO START

### 3-Mins Quick Disinfection

Kills up to 99.9% of Bacteria & germs







S2

## Specification

Product Name:	UVC LED Sterilizing Box
Model:	S2
LED QTY:	8pcs
Rated Input:	10v= 0.75A / 18W
Input Interface:	Micro Type C USB
LED Wavelength:	260 -280nm
Size:	216×105×70mm
Net weight:	424g

INNER SIZE: 8.07" x 3.54" x 1.57"

### Packaging List:

Type C Adapter x 1  
User Manual x 1  
Warm tips x 1  
Steel Rack x 1  
Testing Report x 1



FDA Registration NO. : 3011801651  
SGS / Gmicro Testing Report

 3-mins Quick Sterilization     Odor reduction     Safe & Environmental-Friendly

Certification / Lab Testing (Example)

SGS

Test Report

Report No.: GZAFN1803002922S005

Date: Apr 21 2018

TEST RESULT(S):

Sterilization efficacy evaluation

Test Method: With reference to Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.5 and 2.1.1.2.4

Test Organism(s): *Candida Albicans* ATCC 10231

Test organism	Concentration of bacteria (cfu/mL)	Test times	Positive control (cfu/piece)	Treated sample (cfu/piece)	Killing log value	Killing rate (%)
<i>Candida Albicans</i> ATCC 10231	1.9x10 <sup>8</sup>	3 min	9.0×10 <sup>5</sup>	1.3x10 <sup>3</sup>	2.84	99.86
	1.9x10 <sup>8</sup>	3 min	9.3×10 <sup>5</sup>	1.4x10 <sup>3</sup>	2.82	99.85
	1.9x10 <sup>8</sup>	3 min	9.0×10 <sup>5</sup>	1.4x10 <sup>3</sup>	2.80	99.84

Remark:


1.Killing rate= ((A-B)/A)\*100%.

2.The test distance was 4cm.

3.The sterilization is carried out in accordance with the instruction of product.

SAMPLE DESCRIPTION: Equipment

Photo Appendix



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\*\*\* End of Report \*\*\*

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RAND: 2850016

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Guangzhou Branch

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Test Report

Report No.: GZAFN1802002367S011

Date: Mar 14 2018

TEST RESULT(S):

Sterilization efficacy evaluation

Test Method: With reference to Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.5 and 2.1.1.2.4

Test Organism(s): *Escherichia coli* 8099

Test organism	Concentration of bacteria (cfu/mL)	Test times	Positive control (cfu/piece)	Treated sample (cfu/piece)	Killing log value	Killing rate (%)
<i>Escherichia coli</i> 8099	2.9x10 <sup>8</sup>	3min	2.9×10 <sup>5</sup>	2.0x10 <sup>1</sup>	5.16	> 99.99
	2.9x10 <sup>8</sup>	3min	2.7×10 <sup>5</sup>	2.2x10 <sup>1</sup>	5.09	> 99.99
	2.9x10 <sup>8</sup>	3min	2.9×10 <sup>5</sup>	2.0x10 <sup>1</sup>	5.16	> 99.99

Remark:


1.Killing rate= ((A-B)/A)\*100%.

2.The test distance was 4cm.

3.The sterilization is carried out in accordance with the instruction of product.

SAMPLE DESCRIPTION: Equipment

Photo Appendix



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\*\*\* End of Report \*\*\*

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Test Report

Report No.: GZAFN1802002367S005

Date: Mar 13 2018

TEST RESULT(S):

Sterilization efficacy evaluation

Test Method: With reference to Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.5 and 2.1.1.2.4

Test Organism(s): *Staphylococcus aureus* ATCC 6538

Test organism	Concentration of bacteria (cfu/mL)	Test times	Positive control (cfu/piece)	Treated sample (cfu/piece)	Killing log value	Killing rate (%)
<i>Staphylococcus aureus</i> ATCC 6538	3.3x10 <sup>8</sup>	3min	3.3×10 <sup>5</sup>	1.2x10 <sup>2</sup>	4.44	> 99.99
	3.4x10 <sup>8</sup>	3min	3.2×10 <sup>5</sup>	1.2x10 <sup>2</sup>	4.43	> 99.99
	3.3x10 <sup>8</sup>	3min	3.3×10 <sup>5</sup>	1.1x10 <sup>2</sup>	4.48	> 99.99

Remark:


1.Killing rate= ((A-B)/A)\*100%.

2.The test distance was 4cm.

3.The sterilization is carried out in accordance with the instruction of product.

SAMPLE DESCRIPTION: Equipment

Photo Appendix



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# 59S Awards

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# Global Leader in UV LED

3 locations / team of 1000+ / available in 80+ countries

#1 UV LED Company Globally  
The Pioneer of LED Sterilization

FIRST company to MP UVC LED sterilization products  
1 out of every 2 UV LED beads made in the World is from 59S  
1000+ employees



Office: FL15th, Unicenter, Bao'an, Shenzhen, China



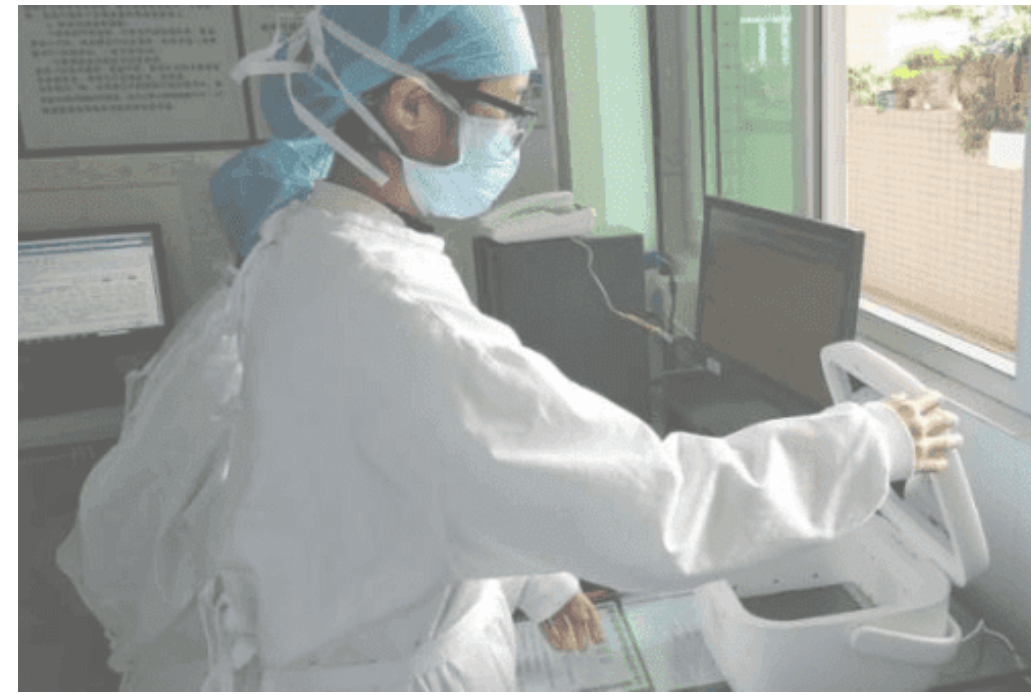
Factory 1



Factory 2



Starts at medical applications. Up to now,  
59S products are protecting **10,000+ medical staffs** for their personal care.



**THANK YOU.**

*Present by Renhom Caleb Lee*