



Escalator Handrail Sanitization System Automatic disinfection & cleaning of escalator handrails

3-Step effective cleanup to remove 99.99% germs



How the WeClean Escalator Handrail Cleaning System works

3-step cleaning

- 1.An eco-friendly, natural disinfectant kills 99.99% germs on the handrail
- 2.A 3-tier lint-free roller wipes off dust, dirt and disinfectant residue
- 3. Philips UV lamp gets rid of bacteria & ensure the hand rail is completely dry.

The Disinfectant

Safe and eco-friendly, approved as a food disinfectan

Removes 99.99% of various bacteria and viruses

Easy to replace liquid by simple structure design

Key role in the structure optimized for the moving escalator handrail

3-tier Cleaning roller

Completely removes foreign substances in triple action structure

No scratch on handrail

Fully automatic design by interlocking motion sensor

UV-C LED

Proven Philips surface sterilization

UV-C LEDdrying of the rail to completely dry the rail

Powerful UV 235.7nm UV

Secondary sterilization of various bacteria and viruses by supporting the sterilization liquid



7-inch LCD Monitor

Real-time notice / public information transmission system

Video, image, audio transmission

Information transmission on high-definition screen

Retro-fitted

Easy to mount/remove over existing escalators.

Up / down / left / right adjustment

Suitable for all escalator brands

Easy maintenance

Adjustable bracket

Power Supply

Power supply type: DC Adaptor 12V 2A

Efficient management

Automatic 24 hour cleaning and sterilization control

Real-time monitoring and control with IoT (Internet of Things) technology

Optional features:

People counter – Measures the frequency of use via a motion sensor

Fine dust sensor – PM 2.5 and PM 10

Auto motion sensor

Temperature & humidity sensor

Emergency Switch (E/C) Connect

Automatic Driving (IR) Sensor – E/C Connect

Applications:

Hospitals, Shopping Malls, Airports, Metro & train stations, hotels, large buildings, office towers,



WeClean Escalator Handrail Sanitization System



Technical Specifications

Product Name:	WeClean- E (Power supply Type)
Installation:	DC 12V power connection
	Fixing upper / lower bracket
Operation:	Disinfecting liquid spray & washing roller only when the hand rail is
	operated
Electric power source:	DC Adaptor 12V 2A
UV LED:	UV-C 27Snm
Display:	7inch LCD panel 800 • 480
Speaker:	SPEAKER OUT(2.0W)
Wifi & USB:	WLAN 802.11 b/g/n 2.4GHz / 5GHz & USB2.0
Product Size:	186 * 510 * 862mm
Weight:	18Kg
Main board:	ARM Cortex TM-Al Dual- Core / DDR3 1 G
Storage:	eMMC(4.5) 4GByte I MICRO SD CARD 16GByte
OS:	ANDROID 4.2.2 (Jelly Bean)
Management Program:	SWIT-MSC 1.0
Optional items:	
Mover counter sensor:	940nm laser VCSEL
Fine dust sensor (PM sensor):	Laser particle sensor module_PM2.5, PM10
Temperature & Humidity sensor:	Heating flow type 40°C-12S°C , RH 0-100%
Consumables:	
Cleaning Roller:	
Sponge R/L : 1 ea	
Cleaning R/L: 2ea	
Sterilization Liquid:	
Hydrogen peroxide (0.5%)	
Sodium benzoate (1.0%)	
Purified water (98.5%)	



Made in Korea

Cleaning Roller



Disinfectant Liquid



UV-C LED



IoT Control Solution





Can check the status of consumables & the replacement of consumables. A/S aplication, & processing details through the smartphone application

The Results



Beyond Cleaning



Promotion & Marketing via 7" Screen Communicate to your visitors that you are contributing to public health Communicate promotions & offers



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