

ESCALATOR MEDIA HANDRAIL STERILISER



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When using an escalator, do you hold onto the handrail? People use escalators everyday in transport hubs, airports, railway stations, underground stations, hospitals, hotels, stadiums, shopping centres, department stores, retail stores and more... **leaving passengers exposed to hazards such as disease and bacterial infection** due to viruses and bacteria existing on the handrails. Some people do not hold unhygienic handrails and this becomes a safety threatening factor.

The **Escalator Media Handrail Steriliser** is the world's first IoT (Internet of Things) - combined handrail steriliser that makes sure of the **perfect removal of bacteria and viruses through 99.9% sterilisation by UV Lamp**. In addition to this the 7 inch monitor shows the real-time hygienic condition of the handrail audiovisually so that passengers can hold the handrail without fear of infection.

The IoT-combined comprehensive system, provides 24-hour monitoring service of escalators through mobile application and immediate alert will be sent to the administrator in case of an accident. It also records the number of escalator users and provide the current location information to the passengers.

FEATURES & BENEFITS

- ✔ **7 inch LCD monitor:** Advertise your own product on the monitor. Video, Images and Sound can be controlled with high-quality imagery available.
- ✔ **Automatic operation:** Automatic operation with motion sensor. Notification service for escalator reverse.
- ✔ **Temperature sensor:** Temperature measurement to prevent internal overheating. Automatic cooler operation.
- ✔ **Counting passenger system:** Check the number of people passing through motion recognition sensors.
- ✔ **Triple cleaning rollers without electricity:** Any foreign materials can be removed. No scratch left on handrail. Automatic design with motion sensor.
- ✔ **Self-generating / self-charging battery:** Self-generating system without power supply and electricity.
- ✔ **Disinfectants:** 99.9% of bacteria and viruses are killed with eco-friendly disinfectant and UV lamp. Easy to replace liquid bottles.
- ✔ **UV Lamp:** Powerful lamp equipped to killed 99.9% of bacteria and viruses.

FUNCTION



Consumable Goods
Cleaning Roller & Cleaning Liquid

Sterilisation & Cleaning

99% Removal by sterilising liquid (1st Cleaning and sterilisation)
+ UV LED (2nd sterilisation)

- Powerful disinfection to remove germs and viruses.
- 3-stage cleaning rollers rotating to remove contaminants.



3-stage cleaning rollers



Eco-friendly
cleaning liquid



UV LED

Visual Promotion & Marketing

Visual communication through monitor

- Monitors visually indicating sterilisation and cleaning are in progress.
- Indicators showing moving direction of escalator and announcement.



Sterilisation &
Cleaning Guide



Advertising



Promotion

Efficient Management

Efficient management through control solution

- Quick A/S check by real-time monitoring using web functions and apps.
- Adjustable height that enables it to be installed on all manufacturers' escalators.
- Motion sensor that ensures it only works when the escalator is running.



WebApp-control solution



All E/S compatible



Motion sensor

Safety & Convenience

Product safety

- Free from noise problems indoor use (no noise).
- Easy removal and attachment for easy maintenance.
- Prevent accidents such as getting jammed.



Low noise



Easy removal and
attachment



Designed to prevent
skin pinching