Disinfection Solutions

Creating a safer environment for all

Disinfect your luggage for peace of mind

Sanitisation Station

Powered by

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dnata.com/disinfect

Ideal for public buildings, airports, shopping centres & large scale events

• Controlled and efficient form of entry protection • Can be positioned anywhere

• Your choice for rent or purchase at any location • Complete package from construction to custom branding

• Staff for on-site support • Variety of disinfection units available

• Natural products used - safe for humans, yet effective effective against bacteria & viruses
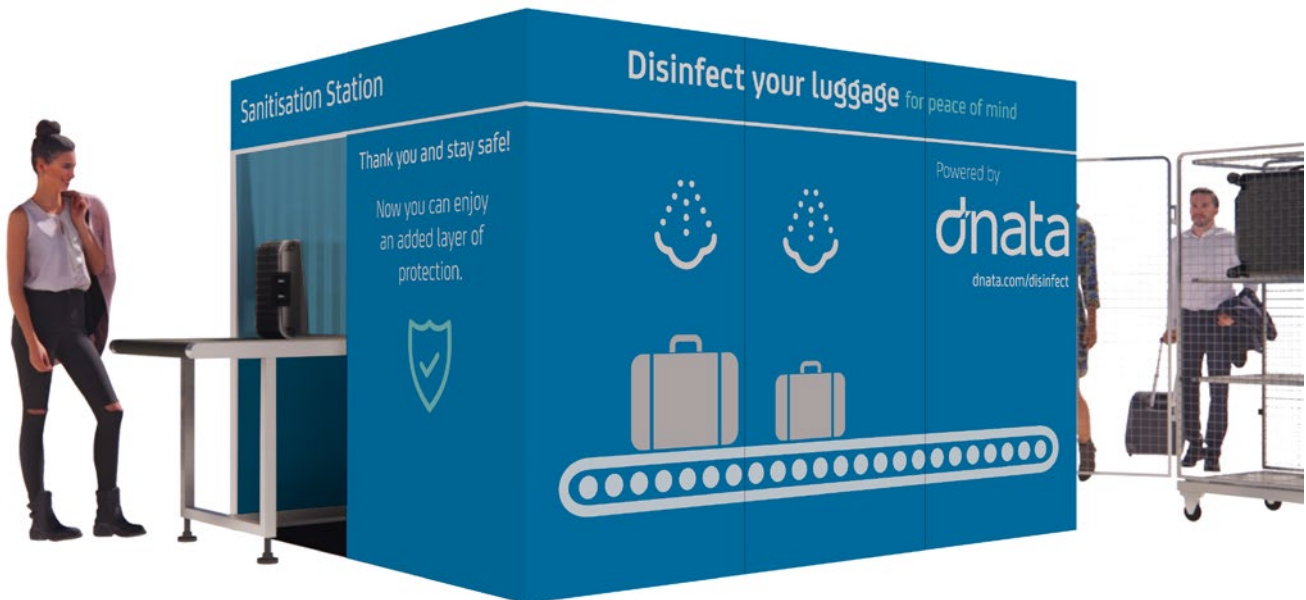
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Dry Mist Tunnels

Supporting safe access control

Dry mist disinfection technology can be installed as an option inside a tunnel whether to sanitise humans or even luggage when using a conveyor belt system.

These mobile disinfection units can be placed at any location to support safe access control from office buildings or large venues to airports (check in, boarding gates, arrival baggage areas). The design can be fully adapted to desired branding.

ECAS
Electro-Chemically Activated Solution

- Demineralized water with cooking salt (NACL) passed through a tension field.
- Produces hypochlorous acid (HOCl).
- Mixed with de-scaled water with to form ECAS.
- Used in vegetable cultivation and greenhouses
- to kill viruses and bacteria.
- Proven protection against viruses like SARS and COVID-19

DRY MIST
Disinfection System

- Uses an ultrasonic generator with titanium plates.
- ECAS is brought into high frequency oscillation.
- This process creates millions of aerosols from the liquid which fills the tunnel using an air stream.
- Luggage exposure time is only 30 seconds

AIR STOP
Air Curtain

- Air stop technology is used to ensure that the mist stays in the tunnel.

BIOLOGICAL PRODUCTS
100% Natural Products, Non-Alcoholic

- Environment = 100% biological and sustainable product
- Health = all elements are safe to use on humans
- Safety = efficiency of 1PPM is reached
- No Ethanol
- 100% Alcohol Free

EU, UK & AU SAFETY TESTS COMPLETED
(can be provided on request.)
Disinfectants And Antiseptics Suspension Tests

Tests that are sufficient in EU for use on materials:

- NEN-EN 1650 EUR
- NEN-EN 1276 EUR
- NEN-EN 13697 EUR
- NEN-EN 14476 EUR

Meets all the **necessary precautions** and creates a **safe environment** for everyone – from vistors to customers or employees.

Face Recognition and Sanitation Tunnels

Variety of customisable options available.

Each unit can contain multiple disinfection options ranging from hand dispensers, tissue holders, mask storage, crowd control, temperature check with face recognition and even a dry mist disinfection.

- Have multiple entrances to support efficient access control.
- Customised option with electronic gates that only open when sanitising has occurred.
- Optional built in LED screens for advertising space.
- The design can be fully adapted to desired branding.

Ideal for stadiums, airports, shopping centres and large scale events

- Everyone is screened and meets the desired hygiene measures on arrival
- Different types of disinfection solutions from hand sanitisers to human dry mist applications.
- Ensure controlled and efficient entry protection
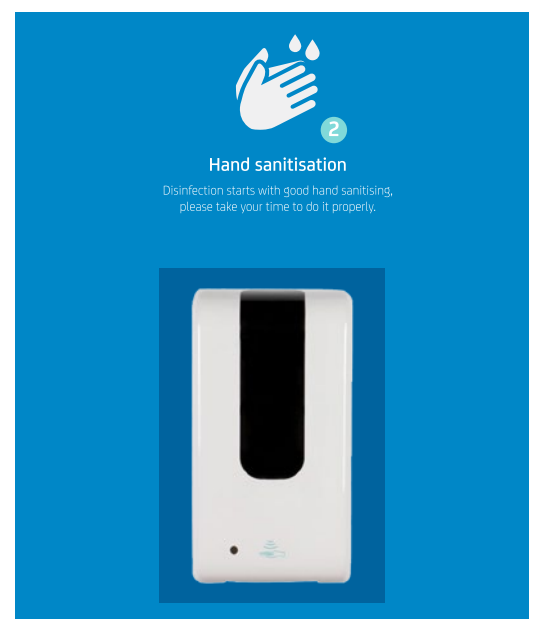- Can be positioned anywhere and scaled to your needs

Provide complete package from construction (with custom branding) to the necessary products and staff for on-site follow up.

OPTIONAL   Hand Sanitiser - Novogel AB Anti-Bacterial Hand Sanitiser

Novogel AB is specifically formulated to provide anti-bacterial protection in situations where exposure to different bacterial contamination is possible or likely. Novogel AB includes aloe Vera and is pH balanced, and so protects skin from dryness & irritation.

- Kills 99.99% of germs fast
- No rinsing required
- Includes Aloe Vera skin moisturisers
- pH balanced and protects the skin from dryness and irritation
- Formulated to meet the infection control guidelines recommended by both the World Health Organisation section 11.3 Alcohols and Table I.11.5 and also the US Centers for Disease Control
- Passes the Australian Therapeutic Goods Administration Option C test, which demonstrates anti-bacterial activity

Hand sanitisation

Disinfection starts with good hand sanitising,
please take your time to do it properly.

OPTIONAL   **Digital Temperature Measurement with Face Recognition Technology**

BTM-213H digital temperature measurement face recognition access control terminal is a kind of access control device with precise recognition rate, large storage capacity and fast recognition, which integrates face recognition technology and non-contact temperature detection technology. The digital temperature measurement module supports rapid body temperature detection. Thus, the product can achieve face recognition and temperature detection at the same time, and support warning people with abnormal body temperature. It can be widely applied in the crowded places, such as smart communities, schools, office buildings, hospitals and other important areas.

Product Features

- Support non-contact detection of wrist temperature, support warning people with abnormal body temperature.
- Support body temperature detection and personnel information binding, which can quickly confirm personnel information and do body temperature detection.
- Support configure temperature detection threshold value, and personnel access authority can be configured through temperature detection threshold value.
- Non-contact wrist temperature detection module, measurement range is between 30°C to 45°C, measurement accuracy can reach 0.1°C, measurement deviation is less than or equal to 0.5°C, and measurement distance is between 1cm to 2.5cm.
- Deep learning algorithm model based on an independent intellectual property rights, face recognition accuracy rate > 99%, false rate < 1%.
- Built-in deep learning dedicated chip, supports local offline recognition, 10,000 face capacity, face whitelist (1:N).
- Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate.
- WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes.
- Support anti-spoofing detection based on deep learning algorithm, effective against fraud such as photo and video.
- Support face metering and human metering for fast adapting to ambient light.
- Suggested height for face recognition: between 0.8m and 2.2m, face recognition distance: 0.2m to 2.9m.
- Support screen sleep mode, keep the minimum brightness to prevent glare at night.
- Support add up to 6 photos of the base library for a single person.
- Support video capture, support ONVIF protocol.
- Support face, card, password and QR code authentication to control door open.
- Two-way audio with indoor monitor.
- Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images).

If you are interested in the installation of customised disinfection solutions at your location, please contact:

disinfect@dnata.com

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