

a clean

**INTEGRATED SANITISING
SOLUTIONS FOR THE WORKPLACE**



As UK businesses consider their returning strategies and what the future looks like, one challenge that will face us all is the due diligence of our working environments. We will all have a duty of care to ensure we do everything within our power to mitigate risk of further infection.

Indeed, before we even consider inviting our colleagues, patrons and the public back into spaces for which we are responsible we must guarantee that the environments are clean and sanitised to the highest standards to provide the necessary confidence and safety to return to work. Whether it be COVID-19 or indeed any other pathogen, never again will we be allowed to dismiss or pass off cleanliness as a low priority overhead.

We believe cleaning has been treated under two main headings historically, namely:

- Aesthetically – Depending on the object or environment, this is all about an acceptable visual impact and legacy regime. This is where the vast majority of our industry resource is spent but with mundane and repetitive laborious tasks colliding with budgetary constraints, the objective is more often than not conflicted.
- Clinically – this is where the actual result is critical. The very word “clean” is so subjective and what we really need to know is how clean and what does it mean? We have all now learned to our extreme cost the penalty of perhaps not taking this measurement seriously in the past.

Sanitisation – this description is one we will see much more widely used as we move away from the one-size-fits-all term “cleaning”. The content within this document provides further technical background, but for the purposes of this narrative the term should be considered a process for decontamination that is fit for purpose in the given environment. Whichever method is employed then proper and accurate measurement and testing is crucial.

We have worked with our supply partners to respond rapidly in the design, development and implementation of our range of sanitising products that will aid, help and support organisation’s to introduce new and diverse measures to ensure clean, healthy and safe facilities for the future. The seismic shift in priority, visibility and corresponding resource will change the way the cleaning and hygiene sector operates, and we are prepared and ready to support you on this journey to A CLEAN START.



FOGGER



Fogging machines with the correct chemical attack airborne pathogens, then once settled the chemical begins to attack bacteria on surfaces. Through the very nature of the aerosol effect, this means you cover a large area extremely quickly.

This machine is perfect for disinfection, sterilising, pest control, air purification, anti-virus, disease prevention, epidemic prevention in all manner of environments including health care facilities, schools, transportation, hotels, retail facilities, and warehouses etc.

FEATURES & BENEFITS:

- ✔ Suitable for EN 14476 chemical as approved by Public Health England for treatment of COVID-19.
- ✔ The fogger can be used for both space spray and residual spray, thanks to the strong penetration, wide spread, with adjustable and uniform droplets aerosol.
- ✔ The body of the unit is shockproof and holds a constant temperature
- ✔ The scale of solution tank and translucent tank cover is easy for you to mix chemical solution precisely.
- ✔ Patented technology adopted to prevent the solution from flowing back.
- ✔ With its unique frequency-conversion motor & adjustable chemical delivery system it can help reduce chemical consumption.
- ✔ Low noise level due to its enclosed motor system.

Specification	ICE Fogger
Tank Capacity	5 Ltr
Atomisation Voltage	470 ml/min
Voltage	230V
Effective Range	3 - 8 m
Particle Size	10-150 microns (adjustable)
Power	1,000 W
Chemical Solutions	Both oil & water-base
Weight	3.78 Kg
Dimensions (L x W x H)	56 x 24 x 32 cm

ACTION **Full PPE is required

SANEX

Sanex is a compact sanitiser, extremely handy and suitable for sanitising rooms and surfaces. Ideal for sanitising and deodorising indoor environments in any sector, it can also be used for vehicle interiors and air conditioning ducts.

Sanex is a machine that adapts to different needs, in fact, it can be used with sanitising, disinfectant or deodorant solutions.

Detergents are nebulised to last longer and are evenly distributed in the air of the environment to be treated. In this way all the surfaces that are present in that environment can be reached and sanitised.

The nebulisation process in SANEX takes place by colliding the liquid with a high-speed jet of air and a further passage through an orifice that guarantees an accurate decomposition, producing particles of about 8 microns in diameter.



The decomposition of the chemical product into such small dimensions allows the evaporation of the dispensed product, which therefore passes from the liquid to the aeriform state. In one minute about 30 gr of specific sanitising product are dispensed.

Specification	ICE Sanex
Compressor Power	350 W
Voltage	230 V
Product Consumption	30/1 gr/min
Run time	3 hrs
Power	600 W
Tank Capacity	5 Ltr
Pump Nozzle	20 W
Weight	18 Kg
Dimensions (L x W x H)	72 x 34 x 64 cm

ACTION **Full PPE is required

MTECH R 65 D SANITISER



A group of nozzles installed at the rear of the machine vaporises the disinfectant across the entire 100 cm sanitising path, leaving the surface sanitised.

MTech R 65 D Sanitiser effectively sanitises large surfaces in a short time, up to 106,000 sqm. It can work continuously for 5 hours, and each full tank can contain up to 50 litres of sanitising liquid. It is compatible with all types of disinfectant.



Sanitises up to 100,000 sqm of flooring with 1 full tank of disinfectant

Has a sanitising path of 100 cm

Can work continuously for 5 hours

IDEAL ENVIRONMENTS

Protect people's health by ensuring flooring is fully sanitised in: hospitals, health centres, supermarkets, canteens, warehouses, airports, stations and shopping centres and more!

Specification	MTech R 65 D Sanitiser
Estimated coverage	5,000 up to sq.m/hr
Estimated coverage (with one full tank)	106,000 up to sq.m
Estimated coverage (with one charge of batteries)	22,500 up to sq.m
Sanitising width	100 cm
Tank with disinfectant	51 Ltr
Supply/traction	24/aut. V
Forward working speed	5,5 Km/hr
Machine dimensions (L x W x H)	128.5 x 63 x 118.9

**Full PPE is required



MTECH R 75 D SANITISER



A group of nozzles installed at the rear of the machine vaporises the disinfectant across the entire 130 cm sanitising path, leaving the surface sanitised.

MTech R 75 D Sanitiser effectively sanitises large surfaces in a short time, up to 327,000 sqm. It can work continuously for 6.5 hours, and each full tank can contain up to 110 litres of sanitising liquid. It is compatible with all types of disinfectant.



Sanitises up to 327,000 sqm of flooring with 1 full tank of disinfectant

Has a sanitising path of 130 cm

Can work continuously for 6.5 hours



IDEAL ENVIRONMENTS

Protect people's health by ensuring flooring is fully sanitised in: hospitals, health centres, supermarkets, canteens, warehouses, airports, stations and shopping centres and more!

Specification	MTech R 75 D Sanitiser
Estimated coverage	10,400 up to sq.m/hr
Estimated coverage (with one full tank)	327,000 up to sq.m
Estimated coverage (with one charge of batteries)	67,600 up to sq.m
Sanitising width	130 cm
Tank with disinfectant	110 Ltr
Supply/traction	24/aut. V
Forward working speed	8 Km/hr
Machine dimensions (L x W x H)	160.2 x 80 x 124.2 cm

**Full PPE is required

ECO BOT 50 SANITISER

The Eco Bot 50 Sanitiser is an automated scrubber dryer that has been specially designed to clean and disinfect all surface simultaneously. The Eco Bot Sanitiser 50 integrates the Ultrasonic Disinfection Atomisers onto a cleaning robot, making it the perfect solution for cleaning and disinfecting at the same time.

It can be widely applied to all types of hard floor coverings. Using the docking station, the Eco Bot 50 can charge, drain and refill water tanks all by itself, meaning 24-hour operation with minimal human interaction.

The Eco Bot 50 Sanitiser is your reliable unmanned work force to maintain high standards of environmental sanitisation and safety requirements.



AT A GLANCE:

- Sanitises & cleans all surfaces simultaneously.
- 100% map coverage guaranteed by real-time dynamic path planning
- Minimal human intervention - Auto-charge, Auto-Drain & Auto-Refill
- Any sanitising chemical can be used including chlorine-based disinfectant
- Updates cleaning status in real-time and stores the information in the Cloud for complete MI data.
- Carry out multi-floor tasks with lift-integration (optional)



Ultrasonic Sanitisation Atomisers	
Number of Atomisers	10
Max Atomising Flow	4.5/Ltr
Lifespan of Atomiser	≥5000h
Recommended Ratio	1:5
Eco Bot 50	
Dimensions (L x W x H)	65 x 60 x 110 cm
Cleaning Width	50 cm
Cleaning Efficiency	Up to 1,500 m ² /hr
Battery	Li-ion
Run Time	Up to 3 hrs
Voltage	24 V
Power	1,000 W
Brush Speed	270 rpm
Clean Water Tank Capacity	24 Ltr
Dirty Water Tank Capacity	18 Ltr
Weight	170 Kg (without batteries)
Max Gradient	8
Speed	0-3.6 km/hr
Noise Level	67 - 75 dBA

PASSIONATE ABOUT WATER SAVING TECHNOLOGY & SOLUTIONS...

TOUCAN ACTIVE & TOUCAN III

ICE's Toucan system produces Hypochlorous acid, which is a powerful, safe and naturally occurring, disinfectant cleaning agent.

The solution will disinfect all hard surfaces and fabrics, killing 99.999% of bacteria. With a neutral pH level it is a non-aggressive cleaner, leaving a smear-free finish on glossy surfaces without any chemical residue. It also cleans and removes stains from all fabrics and surfaces.

The Toucan system is the perfect solution to sanitise all surfaces, and can be used in buckets, spray bottles and machines, taking regular tap water & processing it into a powerful multi-surface sanitiser.

Toucan system disinfectant is generated from natural salt dissolved in tap water and activated in the Toucan III unit through Electro Chemical Activation.

There are two models available - Toucan Active a wall-mounted product and Toucan III the handheld solution.



PROCLEANZ

ProCleans takes regular tap water and processes it into a powerful surface cleaner with incredible sanitising properties.

The unit installs into a suitable cleaning cupboard or similar space and gives your cleaning team litres of sanitiser at the push of a trigger every day for years to come.

This means you have constant access to a low cost, natural and environmentally friendly solution that will keep your floors, push plates, tables, food dispensaries and anywhere you would normally use a surface sanitiser clean & sanitised.



VISIBLE CLEANING - ON DEMAND

We believe there will be a growing need and requirement for more visible levels of cleaning within buildings & facilities, the perfect solution to aid and promote such activity would be whilst these environments are occupied. The delivery of 'in hours' cleaning through the daytime will surely see the need for more agile lightweight and 'always ready' equipment to be required.

Our compact, cordless cleaning equipment in many industries, and our On Demand range fits the bill perfectly. The ICE On Demand range has all been designed to be portable, lightweight and 'always ready'.

Our range of On Demand equipment is powered by Lithium-Ion battery technology, which has super-fast charge and delivers the right power depending on how stubborn the dirt is. Each machine comes with a handy battery charger, enabling it to be charged just like a mobile phone.



The On Demand range is ideal for high street shops, small supermarkets and office areas. From upright vacuum cleaners to compact scrubber dryers & multi-purpose vacs to trolley systems the On Demand range has the perfect solution for you!

FEATURES & BENEFITS:

- Visible day time cleaning operatives
- Cordless
- Low noise level
- Unobtrusive
- HEPA filtration



CLEANING MEASUREMENTS - ATP TESTING

We perceive that the market will turn towards a more demanding 'clinical clean' and as this develops the need to measure effective cleaning will come higher on everyone's agenda. We use ATP testing equipment to measure the effectiveness of our products on all surfaces.

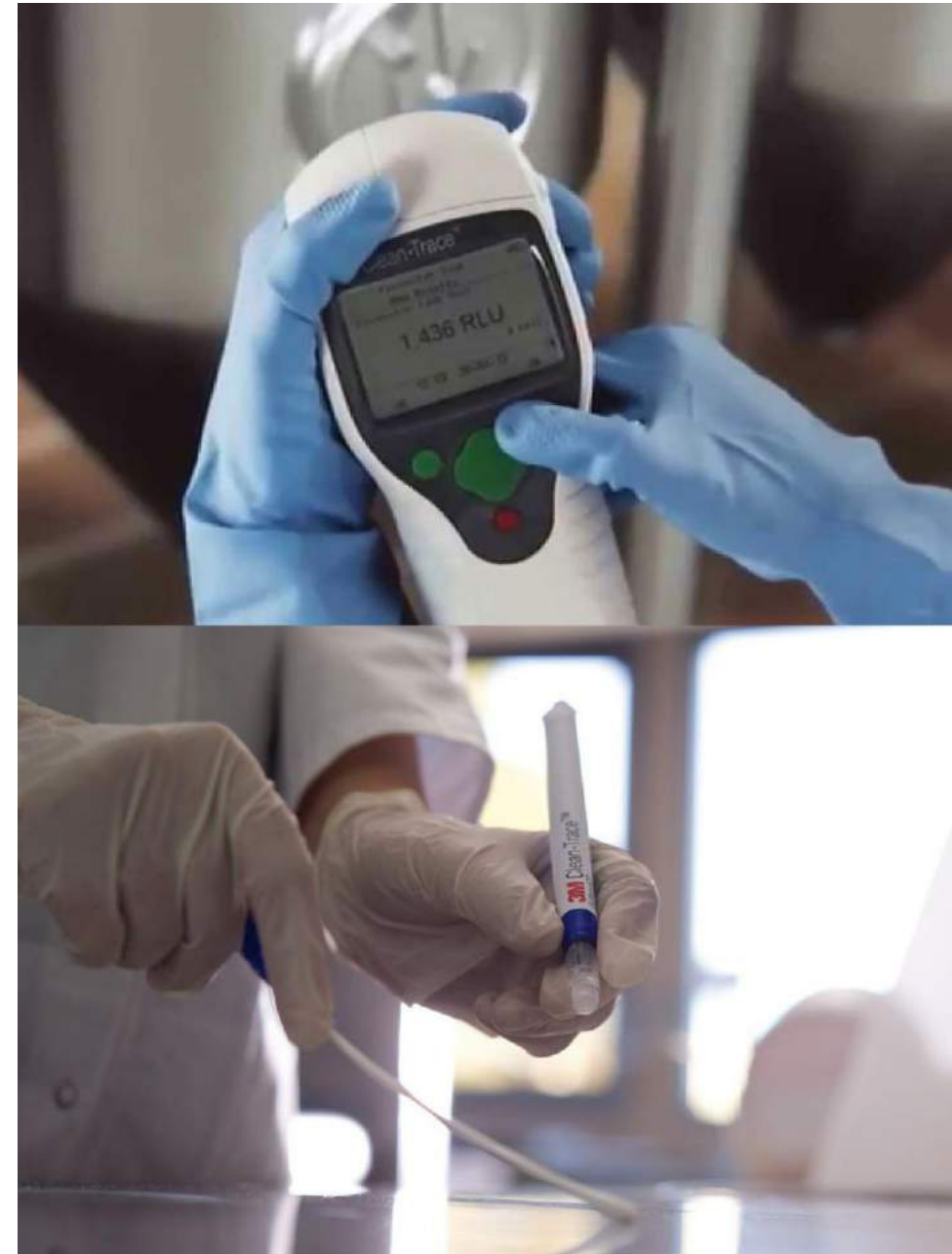
ATP (adenosine triphosphate) detection systems measure the amount of organic materials in a sample, such as blood, mucus, bacteria, and **viruses**.

Our testing system provides a rapid testing method widely used in the UK Healthcare sector and food and beverage process environments to quickly assess the 'clinical cleanliness' of surfaces.

Adenosine Triphosphate (ATP) is present in all organic material and is the universal unit of energy used in all living cells including bacteria and viruses. ATP is produced and/or broken down in metabolic processes in all living systems. Processes such as photosynthesis in plants, muscle contraction in humans, respiration in fungi, and fermentation in yeast are all driven by ATP.

Hygiene luminometers (in conjunction with ATP swabs) use bioluminescence to detect residual ATP as an indicator of surface cleanliness. The presence of ATP on a surface indicates improper cleaning and the presence of contamination, including food residue, allergens and/or bacteria and viruses. This implies a potential for the surface to harbour and support further bacterial growth.

We believe that using this system to test, measure and report on the effectiveness of cleaning will become more important in a much wider range of business sectors over coming months and years and provides an instant result to show the effectiveness of equipment, chemicals and cleaning.



CHEMICAL RECOMMENDATION:

SELGIENE ULTRA: HIGH SPECIFICATION PERFUMED CLEANER SANITISER CERTIFIED TO EN STANDARDS: 1276, 1

Kills Swine Flu, HIV, Hepatitis C, MRSA & Clostridium difficile Passes EN 1276, 13704, 1650, 14476 & 14675. Manufactured in the UK to ISO 9001, 14001 & 18001 Selgiene Ultra cleans and sanitises frequently touched items such as door handles, tables, banisters etc. and is suitable for damp mopping floors.

Independently proven to kill the HIV, Hepatitis C and H1N1 Influenza viruses. Also certified to kill Clostridium difficile, MRSA and common food poisoning bacteria including Salmonella typhimurium, Listeria monocytogenes and Escherichia coli.

PRODUCT USES

Selgiene Ultra is an essential everyday product in the fight against cross infection. It is particularly suitable for use in the care sector. Also ideal for use in all public places including schools, sports facilities, gym equipment, hotel washrooms, animal handling etc. Bleach free, non-hazardous, non-toxic and safe to use on all common water washable surfaces. Selgiene Ultra is pleasantly perfumed and leaves a freshly cleaned fragrance to rooms.

COSHH DATA SHEET CAN BE SUPPLIED ON REQUEST



PPE REQUIREMENTS:

Check that PPE is CE Marked in accordance to PPE Regulations 2002:

- Disposable Overall with hood
- Safety Goggles/Visor
- Face Masks-Ideally FFP3 quality
- Disposable Overshoe/boot
- Disposable Gloves-Correct size
- Hand Sanitiser or hand wash
- Safety Sign/Working in Area/Deep Clean in Progress

TECHNICAL DATA:



Selgiene Ultra is a blend of advanced quaternary ammonium biocides and surfactants to produce a broad spectrum of killing power on a wide range of microorganisms including bacteria and viruses.

Specification	Selgiene Ultra Chemical
Appearance	Clear thin liquid
Colour	Purple
Density	1.04
pH	9.8 - 10.8
Fragrance	Strong Floral
Stability	2 Years stored in unopened containers at ambient temperatures.
Statutory	All biocides contained within Selden products fully comply with the EU Biocidal product Directive
Conditions	98/8/EC, ensuring a high level of protection for humans, animals and the environment.



Click [HERE](#) for HSE Guidelines

Click [HERE](#) for the HSE Guidelines when dealing with COVID-19 infected area

