SYCHEM

THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2022

THE INFECTION CONTROL RANGE

Sychem works with a number of prestigious partners to offers a diverse range of Infection Control consumables.

ATP Hygiene Monitoring
Biological Indicators
Chemical Indicators
Cleaning Indicators
Protein Residue Testing
Traceability devices
Air Purification

Contact us today!
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Improve your cleaning protocols with accurate quantitative results in 10 seconds!

EnSURE™ Touch

Quality monitoring system

The EnSURE™ Touch is an advanced Hygiene Monitoring system that collects, analyses and reports data in up to 10 seconds. Its smart phone design, simple icons & intuitive navigation make the EnSURE™ Touch the most user-friendly system on the market.

The EnSURE™ Touch gives users the ability to analyse test results across facilities via one interactive dashboard. The EnSURE™ Touch connects to SureTrend™ Cloud via WiFi using SSL encryption, and securely stores all test results. Control access with a robust set of user privileges.

- Compatible with all Hygiena ATP swabs
- Results in 10 seconds
- SureTrend™ Cloud
- 5'' touch screen
- For use in various industries

UltraSnap™

The UltraSnap™ ATP surface test swab is one of the most popular tests on the market. UltraSnap™ is a user-friendly ATP surface test designed for use with Hygiena luminometers.

- Fully recyclable device
- Superior accuracy
- Reproducible results
- Longer-lasting signal strength

ATP Range

Working with Hygiena

Sychem and Hygiena have worked in partnership since 2004 to provide a diverse range of ATP Hygiene Monitoring devices and tests. As a result, ATP Hygiene Monitoring can be used in any number of industries to verify the cleaning process has taken place correctly, including Food and Beverage, Food Services, Healthcare, Hospitality, Water Quality, Veterinary & Pet Care, Personal Care & Cosmetics and Industrial & Environmental.

- UltraSnap™
- SuperSnap™
- AquaSnap™ Free
- AquaSnap™ Total
- EnSURE™ Touch
- SystemSURE Plus™

Calcheck

Calibrate your luminometer in seconds! Hygiena's CalCheck is a reliable, easy to use, reusable LED calibration verification device that can be used with the EnSURE™ and SystemSURE Plus™.

SureTrend™ Cloud

SureTrend Cloud is a free, easy-to-use data analysis software that unleashes the power of the EnSURE™ Touch. Working with the luminometer, SureTrend™ Cloud wirelessly connects systems across multiple facilities to sync test results and empower users to configure one or hundreds of systems.

Sychem and Terragene have worked in partnership since 2017.

BD125X/2

Bowie-Dick test

A steam penetration process challenge device. The Bowie-Dick test pack detects inadequate air removal and steam penetration in vacuum-assisted steam sterilisers.

- Type 2 Chemical Indicator
- Initial Colour: yellow
- Final Colour: dark brown/black (should change homogeneously in the whole sheet)
- Size: 16 mm x 125 mm x 125 mm (approximate)
- Assembly: permeable barriers - 1 silicone paper - 1 test sheet - permeable barriers. Wrapped with crepe paper
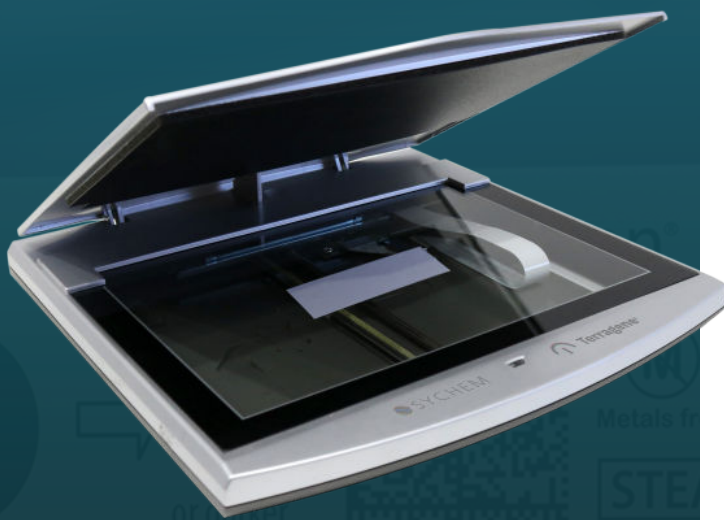
Chemical Indicators

A Chemical Indicator is required to confirm the sterilisation or decontamination process has been successful. They are used to test decontamination equipment to determine whether the sterilisation process is operating to regulatory standards.

- Steam
- Hydrogen Peroxide

Terragene®

Chemical Indicators

Popular Chemical Indicators

BD125X/ 2: A steam penetration process challenge device

Helix Process Challenge Device: A Bowie Dick helix kit to test steam penetration

IT26- 1YS: Unique point Chemical Integrator for steam sterilisation processes between 121° C and 134° C

IT26-C: A Chemical Integrator for steam

CD40: Chemical Indicator for the presence of Hydrogen Peroxide

This is a sample of our portfolio; contact one of our experts to view our complete range!

As the UK exclusive partner for Terragene since 2017, Sychem provides an array of infection prevention and control solutions for hospitals, dental clinics, food preparation facilities, the cosmetic industry, pharmaceutical sites and medical devices.

Some Chemical Indicators can be used in conjunction with the Trazanto- a unique AI device for quality and traceability control of washing, disinfection, and sterilisation processes.

All results are stored in one, easily accessible place, via Bionova® Cloud Software.

Trazanto

BIONOVA® cloud

Sychem and Terragene have worked in partnership since 2017.

CDWA4

Cleaning Indicator

Our high-level performance Indicator for cleaning procedures. The CDWA4 can detect all factors that affect the result of a washing process.

- Challenge level: very high.
- Allows detection of all factors affecting the outcome of cleaning processes
- Initial Colour: fuchsia
- Size: 70 mm x 30 mm
- Synthetic temperature-stable support
- Result: elimination of fuchsia organic substance
- To interpret results visually, use the results reference guide on product's instructions for use.
- Optionally, the readout of the cleaning indicator can be done using Terragene's Trazanto Automatic Quality Control and Traceability System

Cleaning Indicators

Cleaning Indicators are used for validation and routine monitoring of efficacy of cleaning processes in washers, particularly in the Health industry.

- Washing Indicators
- Endoscope Process Challenge devices
- Thermodisinfection Indicators

Terragene®

Cleaning Indicators

Trazanto

As the UK exclusive partner for Terragene since 2017, Sychem provides an array of infection prevention and control solutions for hospitals, dental clinics, food preparation facilities, the cosmetic industry, pharmaceutical sites and medical devices.

Some Cleaning Indicators can be used in conjunction with the Trazanto- a unique AI device for quality and traceability control of washing, disinfection, and sterilisation processes.

Popular Cleaning Indicators

CDWA3 Splat: A Cleaning Indicator for cleaning performance tests

Lumenia SixFlow: Challenge kit monitoring cleaning of endoscopes in Automatic Endoscope Reprocessors

IT27W-5: Thermodisinfection Indicator for moist heat disinfection

CDWU: A cleaning indicator for monitoring ultrasonic washing machines.

Indicator holders

CDWAH- A holder for Washing Indicators

CDWAH-U- A holder for Ultrasonic Washing Indicators

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MiniPro

Auto-reader Incubator

An Auto-Reader incubator for Hygiene Monitoring systems. The MiniPro has 3 positions for the incubation and transmittance readout of protein pens. The system features:

- 3 positions (2.5 cm depth, 1.3 cm diameter) for incubation and readout

- Transmittance readout of hygiene indicators

- Orifice for external thermometer

- Built-in top cover

- USB connection for recording results on PC using a Readout and Traceability software

- It allows to incubate and read 3 indicators simultaneously

- Thermal Printer results

- Sound alarm for indication of events.

- Firmware update by the user

- Dimensions: 102 mm high, 156 mm wide and 146 mm deep

PRO 1 MICRO

High sensitivity protein residue testing pens. Fully quantitative and traceable results when used with the MiniPro Incubator.

- For the incubation and readout of Chemdye® PRO 1 MICRO
- Detection limit: 50 ug

Terragene®

Protein residue testing

UK Exclusive partnership with Terragene

Sychem are proud to be the UK exclusive partner for the Infection Prevention giant Terragene. Together we offer an extensive portfolio of products designed to fight against infection and tackle contamination.

Terragene offer a diverse range of Protein Residue Testing devices, including:

• MiniPro

• PRO 1 MICRO

• PRO1 VT

Pro1 VT

A positive and negative validation kit to validate the efficacy of Chemdye® PRO1 MICRO Hygiene Monitoring System when used with Bionova® MiniPro.

The Negative Control consists of a vial with a protein-free solution (the green cap). The Positive Control consists of a vial with a defined amount of standard protein (the blue cap).

Bionova Software

Terragene's technologically advanced system has the ability to quantify your results and keep all of your data in one place!

Protein Residue Testing made easy.

Sychem and Terragene have worked in partnership since 2017.

Trazanto

Traceability Reader

An automatic system for quality and traceability control of washing, disinfection, and sterilisation processes.

A simple, accurate analysis device for chemical and washing indicators that is designed to provide clear results with precision that goes beyond human capabilities. The Trazanto harnesses an artificial intelligence (AI) based system for quality and traceability control of washing, disinfection, and sterilisation processes. Together with Bionova Cloud, it improves the control and monitoring processes within CSSD.

- Highly sensitive scanner and very easy to use

- Quickly registers and monitor results

- Helps prevent human error

- Detailed cycle parameter tracking inside every sterilisation package or location inside the washer chamber

Compatible Indicators

For automatic interpretation and avoiding the risk of human error, Trazanto is used for the readout and detection of:

- Chemdye® Trazanto Splat CDWA4
- Integron® Trazanto IT26-1YS
- Integron® Trazanto IT26-C
- Integron® Trazanto IT26SBL

- Chemdye® Trazanto CD40
- Chemdye® Trazanto BD125X/2
- PCD Process Challenge Device
- Lumenia SixFlow

Terragene®

Bionova Software

Automatic quality control & traceability

Use Bionova Software to transform your CSSD!

Combine with Bionova Cloud to speed up processes and optimise your central sterile services departments work flow. The Trazanto allows sterile services staff to collect and digitally store all of the data together.

- Accuracy and efficacy
- Avoid human error
- Instant online results

Our product range

BD125X/ 2: Steam penetration process challenge device.

CDWA4 Splat: Designed for routine control of cleaning processes in automatic and ultrasonic washing machines.

CD40: A multivariable process indicator for monitoring Hydrogen Peroxide sterilisation processes.

Lumenia SixFlow: Challenge kit monitoring cleaning of endoscopes in Automatic Endoscope Reprocessors.

IT26-C- A: A moving front chemical integrator for monitoring steam sterilisation processes.

IT26SBL- A: unique point chemical integrator for monitoring steam sterilisation processes.

Sychem and Terragene have worked in partnership since 2017.

MiniBio

Auto-reader Incubator

Auto-reader Incubator, for the readout of Rapid, Super Rapid or Ultra Rapid Biological Indicators, with three positions and a built-in printer.

- Three metal positions (38 mm deep, 9 mm diameter) to incubate
- One ampoule crusher
- Port for external thermometer
- Incorporated top cap
- Dual Temperature System
- USB connection for registering results through Software
- Allows incubation of three indicators to be inserted simultaneously, in different incubation times, at the same temperature
- Sound alarm for event indication
- Detection and automatic cancellation of the fluorescence reading of the biological indicator

Indicators

A Biological Indicator provides information on whether necessary conditions were met to kill a specified number of microorganisms set by ISO for a given sterilisation process.

- Steam
- Hydrogen Peroxide
- Room Disinfection

Terragene®

Biological Indicators

UK Exclusive partnership with Terragene

Sychem are proud to be the UK exclusive partner for the Infection Prevention giant Terragene. Together we offer an extensive portfolio of products designed to fight against infection and tackle contamination.

Terragene offer a diverse range of Biological Indicators and read-out devices, including:

- IC10/20FRLCD for incubation and readout of:
- Bionova® Rapid Fluorescence Readout Biological Indicators
- Bionova® Super Rapid Fluorescence Readout Biological Indicators
- Chemdye® PRO1 MICRO Pen Protein System

Our Indicator range

BT222: A one-hour biological indicator for steam (turns from purple to green).

BT95: A two-hour biological indicator that changes from purple to green when exposed to hydrogen peroxide.

BT97: A one-hour biological indicator used for room disinfection with h202 for quick and easy monitoring of disinfection processes.

BT80: A 48-hour, self-contained biological indicator for moist heat decontamination processes.

BIONOVA® cloud

Bionova Software

Terragene's auto-read out device utilises Bionova Cloud- an automatic system for quality control & traceability of infection control processes. Bionova Cloud eliminates the risk of human error, and provides online results.

Unique, 100% pressure sealed technology with no air bypass

AG600

Our medium size air purifier offering 13 air exchanges an hour

The second-largest Air Purifier in Airgle's collection, the AG600 is specifically designed to clean small to medium-sized rooms. The system uses Titanium Pro UV module, the next generation of photocatalytic oxidation technology. The AG600 is the perfect device for those with respiratory problems, such as severe allergies and asthma, providing refreshing relief to those who need it most.

- Ultra-quiet motor technology
- Easy-to-replace Filters
- Handy remote control
- Ozone-free technology
- Programmable LCD control panel
- Auto & night modes
- Continuous air quality monitoring
- Plug and play technology

Filters

Airgle's advanced cHEPA filter provides the superior removal of airborne particles. Certified to filter ultra-fine particles down to 0.003 microns, and with an efficiency rating of over 99.999%, Airgle systems deliver exceptional performance.

airgle

Air Purifiers

Working with Airgle

Sychem and Airgle work together to provide an extensive range of Air Purifiers with market-leading design capabilities. Airgle manufactures the only Air Purifiers on the market that possess a cHEPA filter, with a capture threshold of 0.003 microns and an ultraviolet titanium module. This means the system can irradiate viruses and other pathogens using its photocatalytic oxidation technology.

- AG300- For use in small rooms, up to 15 m^2
- AG600- For use in medium sized indoor spaces
- AG900- For use in all large indoor areas

AG300

As the smallest Purifier in Airgle's portfolio, the AG300 was built to create five air exchanges an hour in rooms of up to 15 square metres. Airgle's compact Purifier is equipped with a cHEPA filter, and features activated carbon and Titanium Pro technologies that remove airborne pollutants, such as dust particles, odours, second-hand smoke, bacteria, viruses, allergens and VOCs.

AG900

The largest Air Purifier in Airgle's collection, the AG900 is specifically engineered for airborne infection control at hospitals, medical clinics, and other healthcare facilities. It features a 40 square foot cHEPA filter, with an efficiency of up to 99.999%, offers 6 lbs of premium deep carbon blend, and utilises our next-generation Titanium Pro module.

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