DAIRY
TESTING
gem
SCIENTIFIC

ABOUT GEM SCIENTIFIC

IDEXX SNAP BETA-LACTAM ST PLUS TESTS

IDEXX

SNAP Beta-Lactam ST Plus Antibiotic Residue Tests

DESIGNED FOR

Testing raw or commingled milk for antibiotic residue

PRICE

From £32.00

USE

Detects more beta-lactam residues, including cephalexin, than any rapid dairy test

BENEFITS

Used with raw, UHT, sterilized, thawed and skimmed milk, and reconstituted milk powder

Rugged and versatile, test on the go without heat or incubation

Reads results in 6 - 8 minutes

Detects beta-lactam residues **including cephalexin**

AFNOR validated

ILVO validated

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

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FUNKE GERBER CRYOSTAR I

FUNKE GERBER

Cryostar I Cryoscope

DESIGNED FOR

High accuracy freezing point determination (FPD) in milk

PRICE

Price on Application

USE

Detects added water in milk with precision down to a thousandth of a degree Celsius

BENEFITS

Cryostar uses FPD to find the plateau as prescribed in the ISO/IDF/DIN 5764 standard for measuring water in milk

Up to 40 samples can be measured per hour

4 decimal place accuracy gives excellent repeatability

Measuring Range
0.0000°C to -1.5000°C

Repeatability
± 0.0020°C

Sample Volume
2.0 ml to 2.5 ml

FUNKE GERBER

CRYOSTAR I CRYOSCOPE

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DELAVAL SOMATIC CELL COUNTER

DELAVAL

Somatic Cell Counter

DESIGNED FOR

Detecting mastitis infection at an early stage, when it is easy and cost effective to treat

PRICE

Price on Application

USE

Add a small amount of milk into the cassette and insert it into the DCC. The sample result shows cells/ml milk in just 45 seconds

BENEFITS

Early detection of infected cows for relevant treatment

Clear signal when to send milk to the tank

Monitor which cow or quarter that needs treatment at drying off

Less use and cost of antibiotics

VIEW PRODUCT PAGE

3M™ PETRIFILM™ PLATES

3M™

Petrifilm™ Plates

DESIGNED FOR

Time-saving, sample-ready plates for quality indicator testing in food production

PRICE

Petrifilm Plates: From £48.00 (Price varies on plate/pack size)

Petrifilm Plate Reader Advance: Price on Application

USE

A convenient, efficient, space-saving way to test in the modern food system.

BENEFITS

Portfolio includes over 15 Petrifilm plates including Aerobic, E. Coli/Coliform, Enterobacteriaceae, Lactic Acid Bacteria and Yeast & mould

Reduction in operational costs vs traditional testing methods

Reduce or eliminate time-consuming agar prep

Compact size uses less storage/incubator space

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

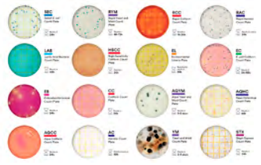
3M

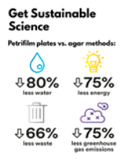
Petrifilm™

RAC
Rapid Aerobic Count Plate
Results as soon as 24h

YM
Yeast and Mold Count Plate
Results in 3-5 days

CC
Coliform Count Plate
Results in 24h





VIEW PRODUCT RANGE

gem SCIENTIFIC

3M™ CLEAN-TRACE™ HYGIENE MONITORING SYSTEM

3M™

Clean-Trace™ Hygiene & Management Monitoring System

DESIGNED FOR

Audit Ready System for BRC or retailer inspections with seamless reporting

PRICE

£1,950.00 (LM1 Luminometer) / From £22.00 (Swabs)

USE

ATP hygiene monitoring system consisting of a handheld luminometer, compatible test swabs and a powerful software platform.

BENEFITS

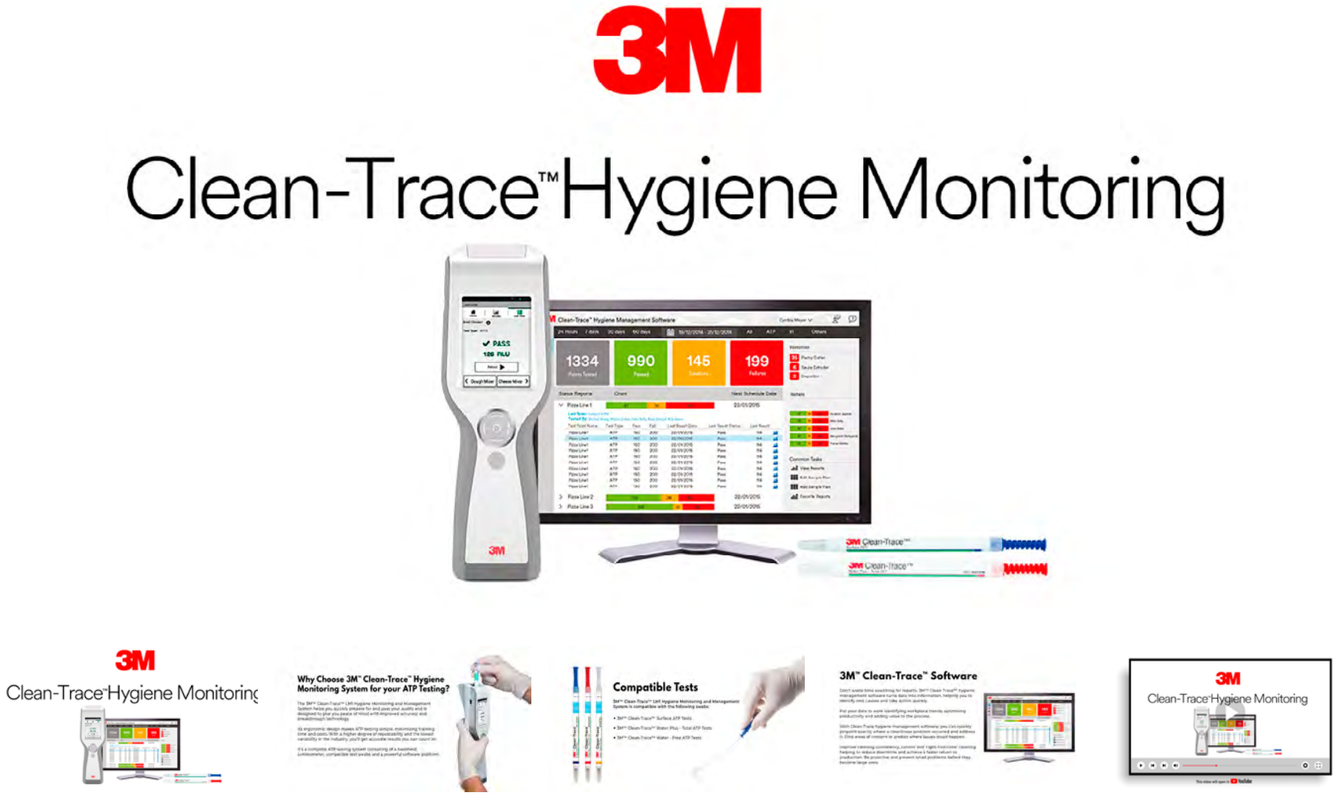
All Your HACCP Results In One Place

Colour Touch Screen works seamlessly even when you're wearing gloves

Wireless Data Transfer through Bluetooth or Wi-Fi

Watch Lists pinpoint problems at a glance to enforce corrective action steps

Easy-to-use Dashboard immediately turns data into actionable information



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HYGIENA™ ENSURE™ TOUCH

HYGIENA™

EnSURE™ Touch Hygiene and Quality Monitoring System

DESIGNED FOR

Rapid and accurate hygiene verification to support your HACCP program

PRICE

£1384.00 (EnSURE Touch) / From £44.00 (Swabs)

USE

Collects, analyses and reports data from multiple quality tests including; micro-organisms, ATP, and enzymes.

BENEFITS

Safe and responsive touchscreen

Intuitive smart navigation – Making it easy for anyone to use

Customizable to your operation – Facility type, Language, Data fields, etc.

Secure cloud-based data management

Responsive 5-inch shatter-proof touchscreen

Train remote teams with built-in screen sharing capability

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

hygiena™

EnSURE™ Touch

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HYGIENA™ ZYMOSNAP™ ALP TEST

HYGIENA™

ZymoSnap™ Alkaline Phosphatase Test

DESIGNED FOR

Measuring alkaline phosphatase activity in dairy products to verify pasteurization

PRICE

£239.85 (ex VAT)

USE

Measures Alkaline Phosphatase (ALP) enzyme levels in milk and other milk-based products

BENEFITS

5-minute test verifies pasteurization efficiency to meet regulatory standards and demonstrates the absence of raw milk.

Works with EnSURE™ Touch & SureTrend™ Cloud

Detects down to **0.001%** Raw Milk

Detects below regulatory limits **<350 mU/L**

Reliable results even at low levels **25-100mU/L**

hygiena™

ZymoSnap ALP

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

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HYGIENA™ MICROSNAP™

HYGIENA™

MicroSnap™ Rapid Indicator Organism Tests

DESIGNED FOR

Rapid tests for the detection and enumeration of E. Coli, Coliforms, Enterobacteriaceae and Total Viable Count (TVC)

PRICE

From £526.85 (Enrichment and Detection devices and Nutrient Broth)

USE

Same-day results enable you to take corrective actions faster or release products sooner. .

BENEFITS

Broad CFU detection range (100-10,000 CFU) means fewer dilutions and less sample prep saving time and money

Pass/Fail results at required detection levels are easy to understand

Quantitative results (CFU counts)

In-house testing reduces costs from outside lab fees

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

VIEW PRODUCT RANGE

gem SCIENTIFIC

HYGIENA™ INSITE™

HYGIENA™

InSite™ Environmental Species Tests

DESIGNED FOR

Environmental testing for Listeria species, Listeria monocytogenes (L. mono) and Salmonella

PRICE

From £140.43 (ex VAT)

USE

Each device contains a liquid medium formulated with growth enhancers and chromogenic compounds selective for chosen pathogen

BENEFITS

Delivers results in 24 - 48 hours

Colour-changing device is easy to interpret

Only equipment required is a 37 ± 1 ˚C incubator

Self-contained reagent- no transfers minimising the chance of contamination

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

VIEW PRODUCT RANGE

gem SCIENTIFIC

RAPID ALLERGEN TEST KITS

RAPID ALLERGEN TEST KITS

Specific allergen testing using rapid lateral flow technology from 3M™, Hygiena™ and Neogen

DESIGNED FOR

Quickly show the presence of the specific allergen you are testing for

PRICE

From £56.89 (Hygiena™ GlutenTox® Pro 5pk)

USE

Allergen detection on environmental surface, liquids and food samples for internal quality control. Each brand works to different parameters so please discuss with our team to find the right test for your testing protocols.

BENEFITS

Rapid lateral flow technology

Quick and reliable results

High-sensitivity

Pack sizes range from 5 - 25 tests

General protein swabs also available

All prices exclude VAT and delivery. Prices accurate at time of publication (June 2021) but are subject to change.

VIEW PRODUCT RANGE

ALSO AVAILABLE THROUGH GEM SCIENTIFIC

hygiena

Innovate

RAPID MICROBIAL SCREENING

BUCHI

PROXIMATE™ NIR SYSTEM

AGC INSTRUMENTS

M.A.P. GAS ANALYSERS

HANNA instruments

PORTABLE PH METERS FOR DAIRY

azo

HARD SURFACE DISINFECTANT

LABORATORY EQUIPMENT

SAMPLE HANDLING

SCIENTIFIC GLASSWARE AND PLASTICS

gem SCIENTIFIC

How to Use Interactive Brochures

• Open in Adobe Acrobat or your browser of choice (for best results we recommend using Acrobat).

• Fullscreen button (top right) used with Adobe Acrobat allows you to view as a presentation. Press esc to exit out.

• Home button (top right) takes you back to the product index on page 2.

• Navigate pages by either scrolling or clicking to forward/back arrows in the bottom corners.

• Change slides on product pages by clicking the thumbnails underneath.

• Product page and video links open in a browser windows.

• If you are experiencing difficulties, or have any comments or feedback please email marketing@gemscientific.co.uk

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PRODUCT ADVICE

TECHNICAL SUPPORT

SERVICE & CALIBRATION

Established in 1997, Gem Scientific has over 24 years' experience supporting businesses within the dairy industry. Our extensive product portfolio includes rapid on-site tests, specialist diagnostic equipment, QA laboratory instruments and consumables, hygiene systems, chemicals and more.

It's more than just our products that make us stand out. Our team is on hand to offer product advice, technical support and troubleshooting, and service and calibration for your equipment. With their wealth of knowledge and experience combined with their passion for delivering a first-class customer service, they will always go above and beyond to help you.

Whatever you are looking for, Gem Scientific will provide a personal service that's tailored entirely around you and your business. We are always happy to help and on hand to discuss your specific requirements, so please get in touch.

01924 444 577 **gemscientific.co.uk** **hello@gemscientific.co.uk**