



FOOD SAFETY TESTING CATALOG



Contents:

| | |
|--------------------------------|-------|
| About Hygiene | 4-5 |
| Product Applications | 6-7 |
| Food Safety Monitoring Systems | 8-11 |
| Rapid ATP Tests | 12-13 |
| Microorganism Tests | 14-16 |
| Allergen Prevention Tests | 17 |
| Surface Residue Tests | 18 |
| Enzyme Tests | 19 |
| Sample Collection Devices | 20-21 |
| Calibration & Control | 22 |
| Accessories | 23 |
| Contact Information | 24 |
| Catalog Numbers | 25-26 |



**"I'm responsible for quality and food safety.
Hygiena products play a key part in the
process and enable me to respond quickly."**

John Davidson,
Quality Assurance Manager





Innovative

Hygiena designs and manufactures test systems that provide real-time results for monitoring critical sanitation and quality assurance processes of food safety management systems. Combining unique chemistries with patented designs, Hygiena delivers easy-to-use, convenient products that give accurate and rapid results. With research and development labs in the United Kingdom, United States and China, Hygiena is continuously developing rapid test devices for the food and beverage industry.

Experienced

With over 100 years of combined experience providing rapid tests and laboratory devices to the food and beverage industry, Hygiena's extensive experience and deep scientific expertise enable it to provide outstanding customer service and technical support. Our commitment to making products under strict Good Manufacturing Practice (GMP) and ISO standards ensures unparalleled performance, reliability, and customer satisfaction.





Safeguard

Hygiena products are key components of food safety and quality assurance programs. From general cleanliness verification to specific organism detection, Hygiena consistently helps safeguard product and brand integrity. Our rapid tests allow clients to take immediate corrective action, while providing evidence of due diligence, reducing potential risks, and protecting a company's most important assets: product quality and corporate reputation.



Cost-Effective

Utilizing advanced technologies, patented designs, and automated production methods, Hygiena is able to manufacture cost-efficient products and supply them worldwide. Thousands of companies, ranging from small local companies to large, multinational food and beverage conglomerates, trust and rely on Hygiena every day to maintain the integrity of their food safety testing programs and cleanliness verification procedures.



PREVENT, PROTECT AND VERIFY

FOOD SAFETY PROGRAMS REQUIRE AN INTEGRATED APPROACH TO ENSURE A CLEAN FACILITY IS MAINTAINED AND QUALITY PRODUCTS ARE MANUFACTURED. HYGIENA'S TECHNOLOGY CAN BE APPLIED AT SEVERAL CRITICAL CONTROL POINTS TO PROVIDE RAPID, COST-EFFECTIVE SOLUTIONS.

hygiena Products Can Help Here



Typical Production Flow



Food Safety Monitoring Systems

“The Hygiena swabs collectively are more sensitive to ATP and better at detecting low level food and cultures than all other systems.”

Food Science Center Report RPN 13922 (2010)



Hygiena's ATP monitoring systems and devices are the preferred choice around the world by both small and large food and beverage manufacturers because of performance, ease of use and cost. Using either Hygiena's SystemSURE Plus™ or EnSURE™ system, quality assurance and sanitation managers have access to portable, affordable and highly-reliable instruments to conduct tests swiftly and receive accurate results in just seconds. Both SystemSURE Plus™ and EnSURE™ feature patented, cutting-edge designs, state-of-the-art technologies and simple-to-use features

for guaranteed performance and reliability in any food or beverage environment. When used with Hygiena's SureTrend™ data tracking software, they provide a quick, simple, and powerful way to track, trend, analyze, archive and report test results over time.



Performance

Hygiena monitoring systems, swabs, and sample collection devices offer unparalleled speed, reliability, and performance to give quality assurance and sanitation personnel the tools needed to quickly verify the effectiveness of cleaning protocols and procedures.



Cost-Effective

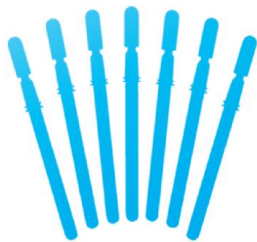
With state-of-the-art manufacturing facilities and patented designs, Hygiena delivers superior products with fewer components at lower costs. These savings are passed on to end users in the form of affordable, reliable food safety testing systems and devices with lower environmental impact.



Environmental Impact

Hygiena develops products with a low carbon footprint and most disposable products are 100% recyclable. Patented designs of test devices require half the plastic of comparable tests and do not include materials that are difficult to remove and recycle.

How it Works



Multiple Tests

Hygiena offers a wide range of reliable, easy-to-use, and self-contained food safety testing devices and swabs for detecting the presence of ATP, specific enzymes, and bacteria. All tests work in Hygiena luminometers to create a comprehensive quality system.



Rapid Results

Individual testing devices are activated with a simple snap and squeeze action, then placed into a handheld system that gives results in 15 seconds.



Track & Trend

Once tests are completed, operators can upload data to Hygiena's SureTrend software, which offers an easy and simple way to track, trend, analyze, archive and report test results over time.



EnSURE™ | One System | Multiple Tests

EnSURE is a quality monitoring system that uses a single instrument platform to collect, analyze, and report data from multiple quality tests. Using new state-of-the-art technology and patented designs, the EnSURE system is an easy-to-use, flexible, and accurate quality monitoring system for the following applications:

Application:

Tests:

| | |
|--|------------|
| ATP Surface Hygiene Monitoring | UltraSnap |
| ATP Water Monitoring | AquaSnap |
| High Sensitivity ATP/ Allergen Prevention | SuperSnap |
| Microorganism Detection: Total Viable Count/ Enterobacteriaceae/ Coliform/ <i>E. coli</i> | MicroSnap |
| Detection of Alkaline Phosphatase | ZymoSnap |
| Detection of Acid Phosphatase | CrossCheck |

Catalog No. ENSURE

[Learn more at www.hygiena.com](http://www.hygiena.com)



SystemSURE Plus™ | ATP Sanitation Monitoring System

The SystemSURE Plus rapid ATP sanitation monitoring system uses advanced photodiode technology and easy-to-use functionality to provide an affordable way to monitor and verify cleaning processes at your facility.

Application:

Tests:

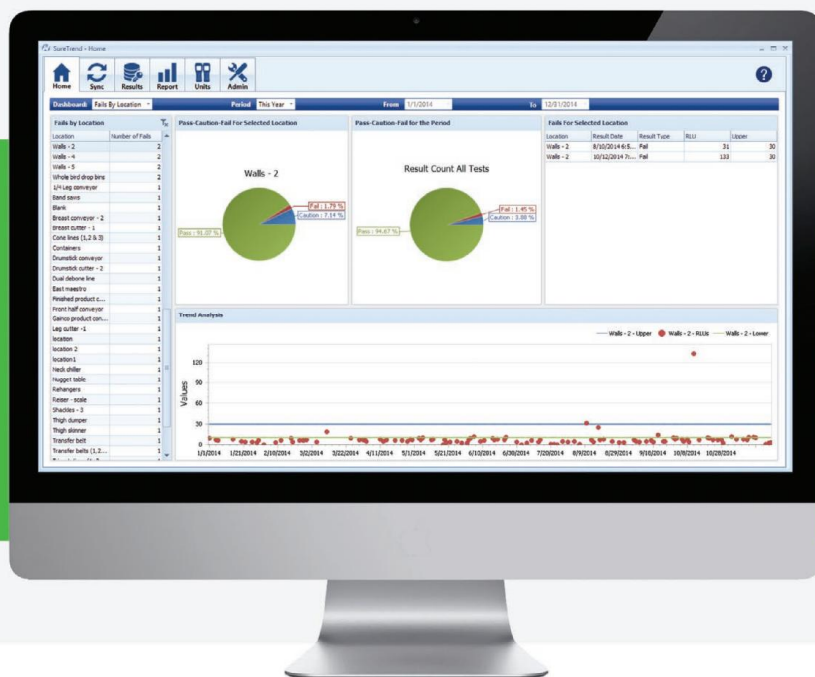
| | |
|---|-----------|
| ATP Surface Hygiene Monitoring | UltraSnap |
| ATP Water Monitoring | AquaSnap |
| High Sensitivity ATP/ Allergen Prevention | SuperSnap |

Catalog No. SS3

[Learn more at www.hygiena.com](http://www.hygiena.com)

SURETrend™ Data Analysis Software

SureTrend is an easy-to-use data analysis software that comes free with every Hygiena luminometer.



The dashboard shows you everything in a glance.

The SureTrend dashboard can be configured to prioritize metrics so you can keep your eye on results in areas that need attention.

The dashboard can display ATP results, alerts/warnings, failed locations, and more.



Preloaded Reports

Creating charts and graphs with SureTrend is easy with over 25 pre-programmed, customizable reports.



Automated E-mails

SureTrend automatically sends your favorite reports to however many recipients you wish, on a daily, weekly, monthly or whenever-you-want basis.



Global Location Directory

The global location directory allows quality or HACCP coordinators to create a global list of all locations and test plans that should be tested in a facility, making them accessible to all plants.



Collaboration

Install SureTrend on a network server and link devices, departments, and even plants for convenient communication and collaboration.



Test Plan Randomization

Let SureTrend generate test plans by randomly selecting locations from a list and giving you statistical coverage over a given time period.



UltraSnap™ ATP Detection Device for Surfaces

Designed for use with either EnSURE or SystemSURE Plus, UltraSnap is a user-friendly, self-contained ATP surface testing device. With its unique liquid-stable enzyme reagent and Hygiena's patented Snap-Valve™ technology for easy activation, UltraSnap offers exceptional accuracy and precision for detecting the presence of ATP on surfaces.

| Catalog No. | Qty |
|-------------|-----|
| US2020 | 100 |



Compatible with:
SystemSURE Plus + EnSURE

 [Instructional Video Online](#)



AquaSnap™ ATP Detection Device for Water

AquaSnap is an innovative, easy-to-use device for testing the presence of ATP in liquid samples. This pen-sized testing device is an accurate way to monitor biomass and organic residue in water or liquid samples. Its honey dipper collection tip accurately collects 100 µl of liquid for consistent sampling.

AquaSnap comes in two configurations:

AquaSnap Total: For detection of microbial and non-microbial ATP.

AquaSnap Free: For detection of non-microbial ATP.

| Catalog No. | Qty |
|-----------------|-----|
| AQ-100X (Total) | 100 |
| AQ-100FX (Free) | 100 |



Compatible with:
SystemSURE Plus + EnSURE

 [Instructional Video Online](#)





SuperSnap™ High-Sensitivity ATP Detection for Surfaces

SuperSnap, Hygiene's most sensitive ATP test device for surfaces, is an all-in-one test used predominantly in food and beverage manufacturing where the highest standards of hygiene are required. SuperSnap reagents are formulated for superior resistance to sanitizer effects, making it an ideal ATP test when dealing with harsh environments or difficult samples.

| Catalog No. | Qty |
|-------------|-----|
| SUS3000 | 100 |



Compatible with:
SystemSURE Plus + EnSURE

 Instructional Video Online



SnapShot™ & WaterShot™ Universal ATP Detection Devices for Surfaces and Water

Designed to replace test devices used in non-Hygiene luminometers, SnapShot and WaterShot help food and beverages companies accurately detect the presence of ATP on surfaces and in liquids, while cutting ATP costs dramatically. Compatible with most luminometers, each version of SnapShot and WaterShot is specifically formulated to replicate the ATP test device it is replacing. No changes to pass/fail levels or programs need to be made. Users switching to SnapShot or WaterShot will see improved test device performance and significantly lower cost.

| Catalog No. |
|---|
| Several formats available (see page 25) |

 Learn more at www.hygiene.com/snapshot

 Instructional Video Online

MicroSnap™ | Rapid Microorganism Tests for Products & Surfaces

MicroSnap is a rapid test platform for the detection and enumeration of bacteria. This unique process generates light when certain enzymes that are characteristic of specific bacteria react with specialized substrates. The emitted light is measured using the EnSURE luminometer. The results are available in less than 8 hours depending on the required level of detection and application, enabling MicroSnap to give quality control personnel results in the same working day or shift.



Total Viable Count

Results in 7 hours

| Catalog No. | Description | Qty |
|-------------|-------------------|-----|
| MS1-TOTAL | Enrichment Device | 100 |
| MS2-TOTAL | Detection Device | 100 |

Instructional Video Online



Enterobacteriaceae

Results in 8 hours

| Catalog No. | Description | Qty |
|-------------|-------------------|-----|
| MS1-EB | Enrichment Device | 100 |
| MS2-EB | Detection Device | 100 |





Coliform & *E. coli*

Enumeration in 6 hours
Presence/Absence in 8 hours

| Catalog No. | Description | Qty |
|-------------------|---------------------------------|-----|
| MS1-CEC | Enrichment Device | 100 |
| MS1-CEC-BROTH-2ML | 2ml Enrichment Broth | 100 |
| MS2-COLIFORM | Coliform Detection Device | 100 |
| MS2-ECOLI | <i>E. coli</i> Detection Device | 100 |



Instructional Video Online



Enhanced Enrichment Broths

Enhanced Enrichment Broths are specially formulated 9ml vials of ready-to-use, non-selective protein solution. The 9ml broth volume enables the convenient addition of 1ml liquid or homogenized food sample for low-level enumeration in 6 - 8 hours. Each broth is compatible with several MicroSnap test devices, consolidating the enrichment step into one large-volume vial rather than multiple MicroSnap enrichment devices, adding convenience and minimizing materials for multi-test users.

| Catalog No. | Description | Compatible Tests | Qty |
|------------------|-------------------------|--------------------------------|-----|
| MS1-N-BROTH-9ML | Enhanced Nutrient Broth | TVC, Coliform & <i>E. coli</i> | 100 |
| MS1-EB-BROTH-9ML | Enhanced EB Broth | EB, Coliform & <i>E. coli</i> | 100 |

Instructional Video Online



InSite™ Listeria | Rapid Environmental *Listeria* Species Test

InSite Listeria is a quick and easy test for the detection of *Listeria* species found in food and beverage processing facilities. The test contains a liquid media formulated with growth enhancers and color-changing compounds specific for *Listeria* species. When *Listeria* species is present in the sample, the InSite Listeria medium will change color from yellow to brown or black in 24 – 48 hours with incubation.

| Catalog No. | Qty |
|-------------|-----|
| IL050 | 50 |
| IL100 | 100 |

Visual Color Results



 [Instructional Video Online](#)



InSite™ Salmonella | Rapid Environmental *Salmonella* Species Test

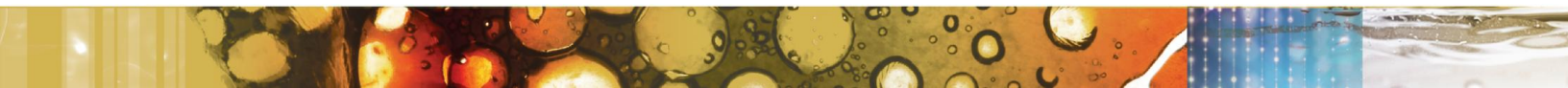
InSite Salmonella is a quick and easy-to-use test for the detection of *Salmonella* species on environmental surfaces. The test contains a liquid media formulated with growth enhancers and color-changing compounds specific for *Salmonella* species. When *Salmonella* species is present in the sample, the InSite Salmonella medium changes color from purple to bright yellow in 24 - 48 hours with incubation.

| Catalog No. | Qty |
|-------------|-----|
| IS050 | 50 |

Visual Color Results



 [Instructional Video Online](#)



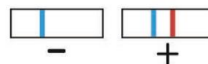


AllerFlow™ Gluten | Gluten Surface Residue Test

AllerFlow Gluten is a convenient and easy-to-use lateral flow gluten test kit for surface samples. The kit includes a ready-to-use sample collection swab and lateral flow cassette. No other lab equipment is required, making AllerFlow Gluten an all-in-one solution for surface gluten testing. Qualitative results are available in 10 minutes.

| Catalog No. | Qty |
|-------------|-----|
| ALF-GL | 25 |

Visual Color Results



No Instrument Required

Instructional Video Online



AllerSnap™ | High-Sensitivity Protein Test

AllerSnap is a high-sensitivity, broad-spectrum protein test used to monitor the efficiency of cleaning processes in support of allergen control programs. Simply swab a surface, release the reagent, incubate, and review the result. A color change provides a semi-quantitative measure of surface cleanliness. AllerSnap quickly verifies the hygiene of a surface, allowing prompt corrective action to be taken.

| Catalog No. | Qty |
|-------------|-----|
| ALS-100 | 100 |

Visual Color Results



Instructional Video Online



SuperSnap™ | ATP Allergen Prevention Test for Surfaces

SuperSnap is Hygiena's most sensitive ATP test device for surfaces. Used as an allergen cross-contamination tool or when dealing with difficult samples, SuperSnap detects contamination at extremely low levels, similar to protein levels detected by specific allergen tests. For more information about using SuperSnap in a surface allergen prevention program, visit the resources available at www.hygiena.com

| Catalog No. | Qty |
|-------------|-----|
| SUS3000 | 100 |



Compatible with: EnSURE

Instructional Video Online



ProClean™ Protein Residue Testing for Surfaces

ProClean is a quick and easy-to-use device for monitoring the cleanliness of surfaces and safeguarding product quality. ProClean detects protein residues left on a surface after cleaning giving results in 1 – 10 minutes and no instrumentation is required. ProClean quickly verifies the hygiene of a surface, and indicates whether corrective action may need to be taken to improve cleanliness.

| Catalog No. | Qty | Visual Color Results | |
|-------------|-----|----------------------|------------------------|
| PRO-100 | 100 | - + + + | No Instrument Required |

 [Instructional Video Online](#)



SpotCheck Plus™ Food Safety Residue Test

SpotCheck Plus is a simple, rapid hygiene test for the detection of food residues on surfaces. It specifically detects glucose and lactose, common components of processed foods. Results are available in 60 seconds as a visible color change to green without any required instrumentation.

| Catalog No. | Qty | Visual Color Results | |
|-------------|-----|----------------------|------------------------|
| GL-100 | 100 | - + + | No Instrument Required |

 [Instructional Video Online](#)





ZymoSnap™ ALP | Alkaline Phosphatase Test

ZymoSnap ALP rapidly measures Alkaline Phosphatase activity in milk products to verify pasteurization. The device features an all-in-one design that provides simplicity, convenience, and repeatability. ZymoSnap ALP uses a unique process to generate light when the targeted enzyme reacts with a specific substrate. The light generated is measured using a sensitive handheld luminometer, providing results in 10 minutes.

| Catalog No. | Qty |
|-------------|-----|
| ZS-ALP-100 | 100 |

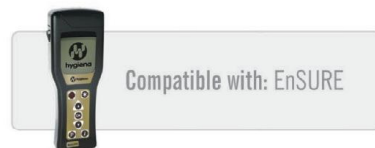
 Instructional Video Online



CrossCheck™ | Acid Phosphatase Test

CrossCheck measures acid phosphatase activity, a natural enzyme present in raw meat. CrossCheck is used on finished products to verify thermal processing and on food contact surfaces to measure raw meat residues and cross contamination hazards.

| Catalog No. | Qty |
|-------------|-----|
| CX-3000 | 100 |





Q-Swab™

All-In-One Environmental Sample Swab

Q-Swab is a ready-to-use collection and delivery device for environmental surface sampling. This unique cost-effective product saves time and money by eliminating the need for pipettes and broth preparation. Simply swab, snap, squeeze and the sample is ready for transport to the laboratory or to be added directly to any microbiological test media or device. Q-Swab rehydrates one sample-ready media film or agar plate perfectly.

| Options | Catalog No. | Qty |
|------------------------|-------------|-----|
| Buffered Peptone Water | QS1000 | 250 |
| Lethen Broth | QS1200 | 250 |

 [Instructional Video Online](#)



QD-Loop™

Labor-Saving Dilution Device

QD-Loop is an all-in-one, rapid dilution device for accurate and convenient dilutions. A calibrated loop is attached to a reservoir containing up to 1.0 ml of buffer. QD-Loop is available in 1:10, 1:100, or 1:1000 dilution formats, enabling laboratory personnel to make dilutions quickly and conveniently.

| Options | Catalog No. | Qty |
|--|-------------|-----|
| 0.1 ml sample to deliver a 1:10 dilution | QD0010 | 100 |
| 0.01 ml sample to deliver a 1:100 dilution | QD0100 | 100 |
| 0.001 ml sample to deliver a 1:1000 dilution | QD1000 | 100 |





Transport Swab | Environmental Swab Collection System

Transport Swab is an easy-to-use environmental surface sample collection device. Screw cap tubes are filled with either 4 ml or 10 ml diluent with a polyester swab securely attached to the cap. The prefilled tubes are sterilized with ample headspace for additional sample or diluents. After sample collection, the swab tip sits in the diluents allowing for the release of organisms from the swab bud.

| Options | Catalog No. | Qty |
|------------------------------|-------------|-----|
| Lethen 4 ml | HTS-4 | 100 |
| Lethen 10 ml | HTS-10 | 100 |
| Buffered Peptone Water 10 ml | HTS-10BPW | 100 |



Stick Sponge & Sponge'n Bag

Hygiens Stick Sponge and Sponge'n Bag are biocide-free cellulose sponges supplied sterile in a leak-proof, tie-off bag, providing a simple and convenient device for collecting environmental samples from large surface areas. The sponges are available dry or pre-moistened and are available in a variety of different diluents. Stick Sponge is attached to an easy-release plastic handle, enabling collection of a sample without directly handling the sponge, making it easier to reach into drains, pipes, and around equipment. Sponges may be ordered with or without sterile gloves.



Catalog No.

Several formats available (see page 26)

 [Instructional Video Online](#)





Calibration Control Kit | Instrument Verification Rods

SystemSURE Plus and EnSURE luminometers self-calibrate at startup. When additional verification is required, the Calibration Control Kit confirms the luminometer is within specifications and operating correctly. Kit consists of reusable positive and negative devices.

| Catalog No. | Qty |
|-------------|-------|
| PCD4000 | 1 kit |

Positive Control Kits | Test Device Verification

Positive Control Kits are used for validating the performance of various Hygiene test devices, including ATP tests, SpotCheck Plus, MicroSnap Coliform & *E. coli*, and ZymoSnap ALP.

ATP & SpotCheck Plus

The ATP Positive Control Kit consists of 25 sealed glass vials containing lyophilized adenosine triphosphate (ATP), proteins, and sugars to provide predictable positive results.

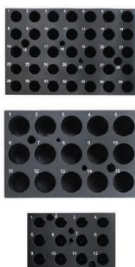
MicroSnap Coliform & *E. coli*

The MicroSnap Positive Control Kit includes non-pathogenic bacterial strains in individual dried discs for confirming the performance of MicroSnap Coliform & *E. coli* test devices.

ZymoSnap ALP

The ZymoSnap ALP Positive Control Kit contains 5 vials of 350mu/L ALP for confirming functionality of ZymoSnap ALP test devices.

| Catalog No. | Description | Qty |
|----------------------|-----------------------------------|---------------------|
| CK25 | ATP Positive Control Kit | 25 controls per kit |
| MS-PC-COLIFORM&ECOLI | MicroSnap Positive Control Kit | 10 controls per kit |
| ZS-ALP-PC | ZymoSnap ALP Positive Control Kit | 5 vials per kit |



Digital Dry Block Incubators

Hygiena Digital Dry Block Incubators are compatible with all Hygiena products requiring incubation such as MicroSnap, AllerSnap, InSite, ZymoSnap and CrossCheck. The digitally controlled, interchangeable blocks are independently heated and can reach up to 105 °C. Auto-stop and sound alert features help users achieve perfect incubation every time. Available in two sizes. Blocks sold separately.

| Catalog No. | Description | Blocks |
|-------------|---|--|
| INCUBATOR2 | Lab Digital Dry Block Incubator | IB001 (35 swab tube wells) IB002 (15 vial tube wells) |
| INCUBATOR | Small Footprint Desktop Digital Dry Block Incubator | IB003 (12 swab tube wells) |



Collapsible Swab Extenders

Collapsible swab extenders allow users to reach in or around tall, tight, or large equipment. The tip of the extender snugly fits a Hygiena swab and an easy-release latch releases the swab after collection. The telescoping swab collapses for convenient storage. Extenders are available in 48 inches (122 cm) and 13 feet (4 m).

| Catalog No. | Description | Qty |
|-------------|--------------|-----|
| EXT48 | 48" / 122 cm | 1 |
| EXT13 | 13' / 4 m | 1 |



Swab Cooler

Hygiena's swab cooler keeps test devices cool while samples are collected in areas outside of ideal temperature conditions. Vertical side pockets can hold SystemSURE Plus or EnSURE luminometers. An adjustable, padded shoulder strap enables easy portability.

| Catalog No. | Qty |
|-------------|-----|
| SSCC03 | 1 |

Global Support

- Exceptional Service
- Live Chat
- Training Videos
- 24/7 Support



Hygiena Offices

Americas

USA
Tel: +1 888 494 4362
Fax: +1 805 388 5531
info@hygiena.com

International

UK
Tel: +44 (0)1923 818821
Fax: +44 (0)1923 818825
enquiries@hygiena.com

China

Tel: +86 21 51321081
Fax: +86 21 51321081
enquiries-asia@hygiena.com

India

Tel: +91 981 0886630
enquiries@hygiena.com

Distributor Network

Over 100 countries supported. Find a distributor near you at www.hygiena.com





Americas

USA

Tel: +1 888 494 4362

Fax: +1 805 388 5531

info@hygiena.com

International

UK

Tel: +44 (0)1923 818821

Fax: +44 (0)1923 818825

enquiries@hygiena.com

China

Tel: +86 21 51321081

Fax: +86 21 51321081

enquiries-asia@hygiena.com



Watch Instructional Videos at www.youtube.com/HygienaTV