

# SANITATION & ENVIRONMENTAL TESTING



Hygiene Monitoring Products to Support Your HACCP Program

## Air Sampling

Air is the most overlooked source of contamination in food plants. Yet, airborne microorganisms frequently cause reduced shelf life, flavor defects, and spoilage. The result for food processors: lost profit.



### RCS Air Sampler

With the RCS Air Sampler, processors can detect air quality problems days before typical sampling methods. Because the RCS Air Sampler draws precisely 40 liters of air/minute, the detected number of colonies can be calculated per unit of volume of air. The RCS Air Sampler is accepted by leading authorities. Users include USDA, FDA, NASA, and the health care industry.

#### Features:

LED panel for easy selection of sampling times, electronically controlled sampling interval/air volume. Lightweight samples collected on an agar-coated strip are incubated and counted using conventional equipment and techniques.

Description	Use	Unit	Stock #
<b>Air Sampler</b>			
RCS Air Sampler w/case and manual		EA	080-3002
<b>Agar Strips</b>			
Tryptic Soy agar strips, 50/bx	Total count	BOX	080-3026
Total Count agar strips with lecithin, Tween 80 and supplements, 50/bx	Ultra clean environments	BOX	080-3029
Rose Bengal agar strips, 50/bx	Yeasts & molds	BOX	080-3032
Sabouraud-Dextrose agar strips, modified, 50/bx (for higher yield compared with YM)	Yeasts & molds	BOX	080-3030
DG-18 agar strips, 25/bx	Dry locations	BOX	080-3031
MacConkey agar strips, 25/bx	Coliforms & enteric bacteria	BOX	080-3000
Blank Air Sampler strips, sterile, 50/bx	Plate your own media	BOX	080-3028

## AIR PLATE OPTIONS

### 3M™ Petrifilm™ Plates

Pull back top film, add 1 mL of sterile diluent to your plate, roll top film down, use the spreader to evenly distribute and wet the plate. After an hour, pull the film back to expose the plate.

Description	Pkg	Unit	Stock #
Yeast and Mold Count Plates	100/bx	BOX	460-3407
Aerobic Plate Count	100/bx	BOX	460-3400

### EASYGEL®



Easygel® is a fast and easy way to check for yeast and mold in the air with minimal preparation. Already prepared plates combined with open and pour media of your choice saves time and money. 50 media bottles and dishes per kit.

Description	Unit	Stock #
Potato Dextrose w/Antibiotics for Y & M	KIT	434-3009
Potato Dextrose for Y & M	KIT	434-3010
Aerobic Plate Count	KIT	434-3007

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# Surface Sampling

## ENVIRONMENTAL SURFACE SAMPLING • ACCESSORIES FOR PETRIFILM™

### 3M™ Petrifilm™ Plates

The 3M™ Petrifilm™ Environmental Listeria (EL) Plate is a sample-ready culture medium containing selective agents, nutrients, a cold water-soluble gelling agent and a chromogenic indicator that facilitates colony detection. These plates are used for the detection and/or enumeration of Listeria in environmental samples.



Description	Pkg	Unit	Stock #
Environmental Listeria Plates	50/bx	BOX	460-3447
Environmental Listeria Plates	200/cs	CS	460-3448

Suggested Buffered Peptone Repair Broth, 200 mL to use with Environmental Listeria Plates:

Description	Unit	Stock #
Bottle	EA	483-3449
20 Bottles/cs	CS	460-3449

Other suggested Petrifilm™ plates for surface sampling:

Description	Pkg	Unit	Stock #
Aerobic Plate Count	100/bx	BOX	460-3400
Coliform	50/bx	BOX	460-3410
E.Coli/Coliform	50/bx	BOX	460-3404
Enterobacteriaceae Count	50/bx	BOX	460-3420
Yeast & Mold Count	100/bx	BOX	460-3407
Staph Express	50/bx	BOX	460-3649

### 3M™ Quick Swabs

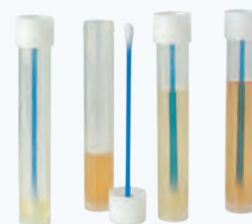
This ready-to-use environmental swab system consists of a 5-inch rayon-tipped swab which contains letheen neutralizing buffer to facilitate recovery of bacteria. The swabs can be used wet or dry to sample surfaces and quickly deliver 1.0 mL of sample onto a 3M™ plate. Handy vinyl-covered wire rack will hold up to 50 swabs is sold separately.



Description	Pkg	Unit	Stock #
3M™ Quick Swabs	50/bx	BOX	460-3432
3M™ Quick Swabs	250/cs	CS	460-3434
Swab Rack		EA	446-3340

### 3M™ Swab-Samplers

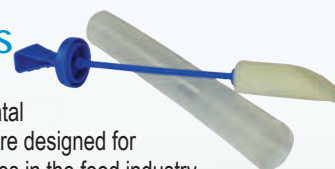
Swab in pre-filled bottle with various diluents. Screw cap tubes filled with your choice of enrichment broth or neutralizing solution. Sample collection is easy with the attached swab, the bottles have ample headspace for sample addition and vortexing to release organisms from the swab.



Description	Pkg	Unit	Stock #
10 mL Buffered peptone water	100/cs	CS	351-3034
10 mL D/E Neutralizing buffer	100/cs	CS	351-3035
10 mL Letheen broth	100/cs	CS	351-3960
10 mL Neutralizing buffer	100/cs	CS	351-3036
1 mL Letheen broth	100/cs	CS	351-3993
4 mL Letheen broth	100/cs	CS	351-3307
4 mL Neutralizing buffer	100/cs	CS	351-3992

### 3M™ EnviroSwabs

Pre-moistened with special transport medium for environmental sample collection, these swabs are designed for swabbing all types of food surfaces in the food industry. The large swab head and shaped tip efficiently collect organisms from hard-to-reach areas. The tamper-evident band and the ability to reseal the tube make this a great swab for many areas throughout the plant. Perform pre-enrichment for TECRA™ tests with EnviroSwab.



Description	Pkg	Unit	Stock #
Tecra™ EnviroSwab	25/cs	CS	351-3308
Tecra™ EnviroSwab, dry	25/cs	CS	351-3888

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# ATP Testing

## Hygiena SystemSURE Plus™ Luminometer and Ultrasnap™ Swabs



This revolutionary instrument brings simple, affordable hygiene monitoring to all food processors, handlers, and inspectors.

- Affordable - low cost instrument with high quality, accurate results.
- Simple to use - keypad only has 7 buttons.
- Programmable limits - automatic determination of pass/fail sample limits.



Description	Unit	Stock #
SystemSURE Plus™ luminometer	EA	332-3112
Ultrasnap™ swabs, 100/bx	BOX	332-3111

## Neogen® AccuPoint 2®

The AccuPoint 2 luminometer is the latest generation of luminometers 999 sites are available with site name, number group and testing type (water or surface), which appear on the LCD display.



Unit	Stock #
EA	498-3602

## Neogen® AccuPoint Surface Sampler

The new unique design of the AccuPoint Surface Sampler offers greater sample precision and consistency. Unlike traditional swabs, the sampler utilizes a large surface-area sample pad to extract ATP from the work surface.



Pkg	Unit	Stock #
25/pk, 4 pk/bx	BOX	498-3605

## Hygiena Snapshot™ ATP Device

An all-in-one, single shot device for rapid hygiene monitoring using ATP bioluminescence. Its unique liquid-stable reagent ensures unbeatable performance and reproducible results. 100/box.



Description	Adapter Req.	Unit	Stock #
Lightning®/MVP	Yes	BOX	332-3575
Uni-Lite Xcel	No	BOX	332-3115
Lum-T™, Firefly 1 & 2, LUMGiena, NovaLum	Yes	BOX	332-3110

### Accessories

Retrofit cap/adapter for Lightning®/MVP	EA	332-3515
Retrofit cap/adapter for Charm Instruments	EA	332-3113

## Hygiena AQUASNAP™ ATP Water Testing Swab



User-friendly and highly accurate, the AQUASNAP™ water test swab is used with Hygiena SystemSure™ luminometers to test ATP. The honeycomb-shaped dipper collects 100 µL of water ensuring consistent sample collection. AQUASNAP™ TOTAL tests for microbial & non-microbial ATP. AQUASNAP™ FREE tests for non-microbial ATP.

Description	Pkg	Unit	Stock #
AQUASNAP™ TOTAL	100/bx	BOX	332-3210
AQUASNAP™ FREE	100/bx	BOX	332-3178

## 3M™ Clean-Trace™ NG Luminometer



The Clean-Trace NG luminometer is highly portable, compact and simple to use. The luminometer is supplied with a flexible data trending software that allows a variety of options, including clear identification of re-test results alongside original results showing remedial actions and demonstrating due diligence. The full-trend analysis capabilities including filtering, sorting, charting and graphing make reporting a snap.

Description	Unit	Stock #
3M™ NG Luminometer	EA	351-3063
Surface ATP Swabs, 100/cs	CS	351-3038
Water Free ATP, 100/cs	CS	351-3040
Water Total ATP, 100/cs	CS	351-3039



# Test Swabs & Sponges

**NELSON JAMESON**  
INC.

## SpotCheck™ Color Hygiene Tests

SpotCheck measures simple sugars (glucose and/or lactose) so you can detect most major food groups versus protein residue tests that are limited to high protein foods, such as meat. 100/box.

- No waiting, results are available within 60 seconds.
- Easy to use and interpret results.



Description	Unit	Stock #
Glucose test	BOX	332-3100
Glucose/lactose test	BOX	332-3101

## InSite™ Rapid Environmental Listeria Test

Designed to monitor the presence of common *Listeria* spp. (*L. innocua*, *L. ivanovii*, *L. welshmeri*, *L. monocytogenes*) in environmental samples from food processing areas. This test indicates the presence of *Listeria* species without confirming pathogenic organisms. A color change from yellow to light brown/black in as little as 30 hours is considered presumptive positive. Incubator required.



Description	Unit	Stock #
25 tests/pk	PAK	332-3117
100 tests/cs	CS	332-3107

## 3M™ Sponge-Stick™

The 3M Sponge-Stick allows you to sample without directly handling the sponge. Biocide-free cellulose sponge maintains organism viability.



Description	Pkg	Unit	Stock #
Buffered peptone water	100/cs	CS	351-3025
Lethen broth (for use w/Petrifilm™)	100/cs	CS	351-3110
Lethen broth w/2 gloves	100/cs	CS	351-3026
Neutralizing buffer	100/cs	CS	351-3995
Neutralizing buffer w/2 gloves	100/cs	CS	351-3027
Dry sponge in bag only	100/cs	CS	351-3028

## WHIRL-PAK® Speci-Sponge® Bags

Designed for environmental surface sampling, work areas, equipment, animal carcasses, and any other place where testing for *Listeria*, *Salmonella*, *E. coli* and other food-borne pathogens is required. Speci-Sponge® bags are 18-ounce and meet the criteria stated in the Compendium of Methods for the Microbiological Examination of Foods regarding sponge contact methods.



Pkg	Pkg	Unit	Stock #
Speci-Sponge bags w/sponge	100/bx	BOX	486-3189
Speci-Sponge bags w/sterile gloves	100/bx	BOX	486-3392
Pre-Moistened Speci-Sponge bags w/sterile gloves	100/bx	BOX	486-3423
Pre-Moistened Speci-Sponge bags	100/bx	BOX	486-3422

## PRO-Clean™ Rapid Protein Food Residue Test

Quickly monitor the cleanliness of food equipment surfaces with PRO-Clean swabs. Simply swab a surface, release the reagent, and if certain protein residues are present, the reagent will turn purple.

- Results in under 10 minutes.
- All-in-one device, no instrumentation necessary.

Pkg	Unit	Stock #
100/bx	BOX	332-3230



## Q-Swab™ Environmental Swab Collection System

Q-Swab is a ready-to-use dilution and delivery device used in the food and beverage industry for environmental surface sampling. Using patented Snap Valve™ technology, broth is released down the swab shaft, neutralizing residue sanitizers and facilitating recovery of bacteria. The sample is then ready to be poured onto media or streaked onto agar plates for culturing. Q-Swab can be used either wet or dry.



Description	Pkg	Unit	Stock #
Buffered peptone water	250 swabs/bx	BOX	332-3999
Lethen broth	250 swabs/bx	BOX	332-3200

## 3M™ HydraSponges

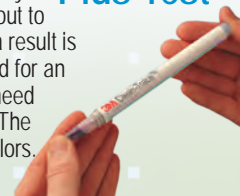
Sponges are pre-moistened for convenience, durable, biocide-free cellulose maintains organism viability. 18-oz bag unless otherwise noted. 20/pk



Description	Pkg	Unit	Stock #
10mL Buffered peptone water	100/cs	CS	351-3029
10mL Buffered peptone water w/2 gloves	100/cs	CS	351-3030
10mL Lethen broth	100/cs	CS	351-3031
10mL Lethen broth w/2 gloves	100/cs	CS	351-3032
10mL Neutralizing buffer, 20/pk	5 pk/cs	CS	351-3303
10mL Neutralizing buffer w/2 gloves	1/ea	EA	351-3302
10mL Neutralizing buffer w/2 gloves, 20/pk	5 pk/cs	CS	351-3301
10mL Neutralizing buffer, w/24-oz bag, 2 gloves	100/cs	CS	351-3306

## 3M™ Clean-Trace™ Surface Protein Plus Test

Use this protein detection system as a fast and easy way to check whether cleaning has been carried out to a satisfactory standard. Everything you need for a result is contained in the compact device. There is no need for an instrument as results are visual, there is also no need to store the device under refrigerated conditions. The results are semi-quantitative with four possible colors. The faster the test turns purple, the higher the level of contamination on a surface.



Pkg	Unit	Stock #
100/cs	CS	351-3041

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what you need?

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line Buyers Guide.

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your copy today!

## Neogen® Reveal™ Allergen Test Kits

Accurate, easy-to-use Reveal™ allergen kits screen samples for food allergens at 5 ppm in 10 minutes or less. If the test detects at least 5 ppm, two lines will form on the simple test device. The formation of

only one line indicates a negative test result. No refrigeration necessary.



Description	Pkg	Unit	Stock #
Milk	24/kit	KIT	498-3478
Peanut	25/kit	KIT	498-3438

- Egg 
- Gluten 
- Almond 
- Casein 
- Peanut 
- Shellfish 
- Hazelnut 
- Soya 



## Neogen® Reveal™ 3-D Allergen Test Kits

Affordability and simplicity of use means Reveal™ 3-D test can be implemented more regularly than typical laboratory food allergen testing. The enhanced confidence and protection through increased sampling and testing of all critical points of the production process in "real-time". Within 10 minutes of taking a sample of product or food contact surfaces, you have a result. The detection level is 1-50 ppm. No additional equipment is needed.

Allergen	Pkg	Unit	Stock #
Egg	10/kit	KIT	498-3082
Gluten	10/kit	KIT	498-3031
Almond	10/kit	KIT	498-3086
Casein	10/kit	KIT	498-3075
Peanut	10/kit	KIT	498-3041
Shellfish	10/kit	KIT	498-3081
Hazelnut	10/kit	KIT	498-3087
Soya	10/kit	KIT	498-3093

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### ATP Testing



### Allergen Testing Kits



### Microbiological Testing



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