



RapiScreen™ for the Innovate™ System

The world's leading solution for getting packaged dairy, beverage and food products to market faster.

A rapid microbial test for aseptic, shelf-stable and extended shelf life goods, RapiScreen™ will quickly screen for the absence or presence of bioburden, allowing you to release products in minutes after your pre-existing incubation time.

RapiScreen utilizes adenosine triphosphate (ATP) bioluminescence, the industry standard for the rapid microbial screening of ultra-heat treated (UHT) and extended shelf life (ESL) products in the dairy, food and beverage industry. The standard ATP bioluminescence assay uses the enzyme luciferase to catalyze the consumption of microbial ATP, which produces light.



Prior to the standard bioluminescent assay, RapiScreen reagents are used to pretreat the sample with proprietary reagents. This treatment prepares the sample for screening by reducing non-microbial sources of ATP to ensure sensitive and reproducible results. Manufactured to ISO-certified standards, our long-life reagents are stored onboard an external cooling unit for ease of use, generating dependable results.

The Innovate™ system is proven technology, effective on the widest range of product types—including highly pigmented, opaque, high or low pH, viscous, pulpy, non-filterable and solid materials. Protect your brand and your bottom line while saving time, reducing lab waste and ensuring product safety with Innovate rapid detection systems.

Smart science for smart business

As a rapid absence/presence assay, RapiScreen provides the critical information you need to respond immediately to the occasional lot that carries bioburden while quickly and efficiently releasing the majority of your production run. You get the fastest release time for the vast majority of your goods, and can manage any exceptions more cost-efficiently and with less waste. That's good for your department, good for your facility and good for the planet.

Rapid Detection System Featuring RapiScreen



RapiScreen Reagent Kits

Our industry and applications experts work closely with you to select the right kit, optimized for your product testing requirements.

Reagent kits include enzymes, extractants, buffers and washing solutions, plus vials and 96-well microtiter plates.



Innovate

Product No. MCH4000
Voltage: 110 or 240V
Hertz: 50 or 60Hz

Instrument Dimensions

(w) 33 cm x (h) 27 cm x (d) 43 cm
(w) 13" x (h) 10.6" x (d) 16.9"
Weight: 17 kg (37.5 lbs)

Software Languages

English, German, Spanish,
French, Portuguese, Italian

RapiScreen Reagents

- Validated on a wide variety of raw materials, in-process formulations and finished goods, including UHT, aseptic, ESL-packaged and numerous beverage products
- Convenient, single enrichment for detection of an extensive range of bacteria and yeast
- Proprietary reagent kits formulated to match different sample requirements
- Reagents manufactured in ISO-certified facilities

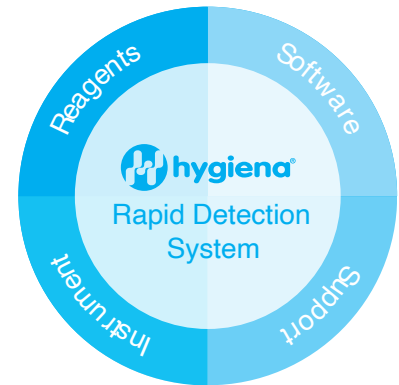
Luminometer Instrument

- High system throughput and offline product preparation
- Small footprint conserves valuable counter space
- Multi-tasking automation enables assay preparation while the system is in use
- Simultaneously tests multiple samples on a single microtiter plate
- On-board reagent temperature control and reagents formulated for extended stability enable the reagents to be stored on the system for ease of use
- 3-hour monthly maintenance protocol
- Instrument cooling unit ensures consistent, reliable results by reducing heat buildup in instruments that run 24/7
- Robotic auto-sampling increases testing throughput in high-speed, high-volume operations

Innovate Software

- User-friendly system includes on-screen support and a color-coded graphical interface
- Automated data capture and storage from the Innovate luminometer.
- Robust system administrator capabilities with customizable security settings

- Secure, remote access to your systems and test results from a central or remote location
- Integrated database lets users store, sort and query results data; export to common applications including Excel® and Access®*
- Multi-user database simplifies reporting from multiple instruments
- Statistics functions allow users to set dynamic thresholds
- Validated on Microsoft® Windows® operating system



Service & Support

- Unparalleled global technical, scientific and product support
- Complimentary 2-day on-site Installation and Operation Qualification (IQ/OQ), and implementation training
- Convenient in-house labs for application development and support
- Global team of experienced Customer Service and Technical Support Representatives



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