

Lonza

Lonza
8830 Biggs Ford Rd.
Walkersville, MD 21793

Lonza presents the PyroSense® on-line monitoring system for the automatic detection of endotoxin in water systems

The PyroSense® system provides automatic, quantitative determination of endotoxin in water at user selected intervals, using a standard assay system with our patented endotoxin-specific PyroGene® recombinant Factor C assay. The system is designed to test around the clock, seven days a week according to user demand. The system is designed to operate in production environments with minimal supervision. All the reagents and accessories are provided in a disposable cartridge that can be quickly and easily changed by non-technical personnel or by production or quality control (QC) staff.

Water testing represents approximately 50% or more of the current average volume of testing in the QC laboratory. The PyroSense® system offers a cost-effective solution for early identification of potential contamination in your water system, reducing overall testing costs and reducing risk.

Developed to meet the growing need for better control of water quality for production purposes, the PyroSense® system facilitates as well the move towards direct on-line monitoring of raw or in-process materials, in line with the FDA and EMEA Process Analytical Technology (PAT) Initiatives.

The PyroSense® system is the latest innovation from the leader in endotoxin detection products and services.

Lonza introduces the microCompass™ System - a breakthrough in microbiology technology

Lonza announces the introduction of the microCompass™ System, a patented breakthrough technology in microbiology testing.

Lonza will be the first bioscience company to provide a molecular testing method to attain a viable count of microor-

ganisms in as little as four hours. The microCompass™ system dramatically increases the speed for microbiology testing, as compared to standard methods which require 3-14 days.

This unique technology provides genetics based results for enhanced accuracy. Specifically targeting RNA, microCompass™ offers improved sensitivity and detection of viable organisms without pre-enrichment. The system allows quantitative detection of bacteria, yeast and mold at a high throughput-level by batching up to 96 samples at a time.

Quick time to results (TTR) with microCompass™ enables significant labor and cost savings, as well as delivers more rapid product release to the market. These benefits allow for an appreciable increase in client profitability.

The microCompass™ system is ideal for applications in personal care products, pharmaceutical raw materials, bioburden monitoring, preservative efficacy testing and cell culture. Application laboratories for microCompass™ are located in Walkersville, MD (USA) and in Saint Beuzire, France.

MicroCompass™ offers accurate testing in far less time than traditional systems.

Lonza is one of the world's leading suppliers to the pharmaceutical, health-care and life science industries. Lonza

is a leader in cell-based research, endotoxin detection and cell therapy manufacturing. Lonza is also a leading provider of value chemical and biotech ingredients to the nutrition, hygiene, preservation, agro and personal care markets. Lonza is headquartered in Basel, Switzerland and is listed on the SWX Swiss Exchange.

For more information on Lonza endotoxin detection products, PyroSense® and microCompass™ visit www.lonza.com and click on Endotoxin and Microbial Detection.

