

Case Study: AST Using PMS Contamination Control Monitors as Part of a Fully Integrated Solution

About AST



Trusted partner for aseptic processing solutions

Since 1965, AST has been delivering innovative solutions – many of which were industry firsts and have since become industry standards. AST has always understood that our customers serve demanding and oftentimes unpredictable markets. We also understand that “flexibility is the antidote to uncertainty,” and as your partner, AST consistently seeks to deliver innovative solutions that are robust, yet flexible.

AST is the leading innovator for flexible aseptic filling and closing machines for sterile injectable applications and life sciences products. Our goal is to provide the most flexible, reliable and safe aseptic and pharmaceutical processing solutions that enable pharmaceutical companies to bring their products to market quickly and cost-effectively. With the ability to fill and close vials, syringes, and cartridges our customers have a single machine that addresses current product needs and uncertain future pipeline demands.



Which contamination control instruments does AST use?



AST uses Particle Measuring Systems’ viable and non-viable contamination control monitors in their isolators and aseptic filling lines, including:

- [MiniCapt® Mobile Active Air Sampler](#)
- [IsoAir® 310P remote particle counter](#)
- [Ainet® II continuous particle counter](#)
- [BioCapt® Single Use Microbial Impactor](#)

Why does AST use PMS contamination monitors?

AST wants to ensure its customers fully and easily meet GMP contamination control regulations such as EU Annex 1 and ISO 14644-1/2. Particle Measuring Systems provides both viable and non-viable contamination monitors, so they can source contamination control solutions from single provider, and all their instruments connect with the AST Electronic Batch Reporting solution, making it a simple, fully integrated solution for AST customers. Plus, the BioCapt Single Use is extremely easy to use and meets Annex 1 single use requirements.

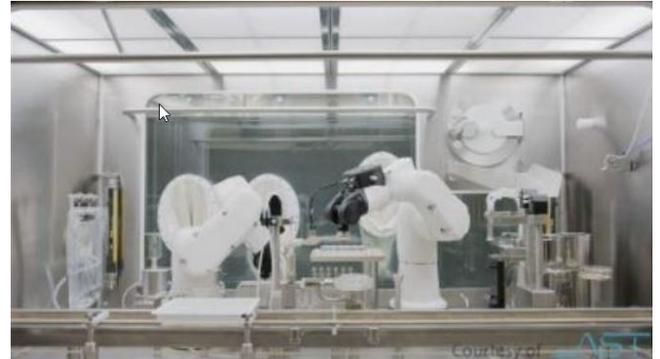
All instruments have been widely accepted by AST customers and PMS support has been very helpful the few times it has been needed.

“We would recommend Particle Measuring Systems to other companies because of their reliable instruments and great service.”

How does AST use PMS contamination monitors?

Contamination monitors from Particle Measuring Systems are placed in AST aseptic filling machines as an option during purchase. Most customers choose to have the contamination monitors put in as part of the complete package.

AST prides itself on its partnerships with its supply chain; they identify and work with companies that align with their values and help provide customers with fully integrated systems – all data and reports from the AST system. AST and PMS align in that both strive towards continually providing the industry with leading edge, innovative technology, that starts and finishes with meeting the needs of the customer.



Conclusion

The AST/PMS partnership saves the customer time and resources on researching, evaluating, purchasing and integrating contamination monitors on their own, by providing them with a standard solution that is well tested within the system to reduce risk.

About Particle Measuring Systems



Particle Measuring Systems Inc. (PMS), a subsidiary of Spectris plc, is a global technology leader and expert in contamination monitoring, the inventor of laser particle counting, and now is the leading provider of solutions for monitoring and controlling many forms of contamination that impact companies that manufacture in ultra-clean environments. For more information visit pmeasuring.com.