

pharma

PHARMACEUTICAL MANUFACTURING SPECIAL

TECH OUTLOOK

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Top 10 Pharmaceutical Manufacturing Solution Providers 2017

Waves of transformation have been reaching to the shores of pharmaceutical manufacturing. Higher availability of generics and potent drugs have given impetus to drug production and to cope with the customer and business demands, pharma manufacturers are exploring new means. At the other end, they have to battle against expiring patents, skyrocketing cost of drug manufacturing, and stringent safety and business regulations. Challenges are too many but technology-driven manufacturing solutions can easily overcome them.

A reliable and automated solution can increase output and efficiency besides augmenting accuracy in monitoring the drug manufacturing process. Integrations of these solutions with other systems like ERP have proved beneficial in gaining a holistic view of the end-to-end manufacturing process. Integrations, adoption of new technologies such as cloud and big data are

allowing the manufacturers to exercise better cost control and reporting practices.

Like any other arena, pharmaceutical manufacturing landscape is flooded with myriad solutions and thus zeroing in on the apt one remains an uphill task for a CIO. To tread on the right path, Pharma Tech Outlook has become the torch bearer in the pharmaceutical manufacturing landscape. In the last few months, we have analyzed a host of technology vendors in the pharmaceutical manufacturing solutions arena and shortlisted the ones that are at the forefront of providing value-added solutions. In our selection, we looked at the vendor's capability to fulfill business mission and requirements while providing the right expertise to address the varied and complex needs of the industry.

We present you the "Top 10 Pharmaceutical Manufacturing Solution Providers - 2017".



Company:
 Lighthouse Worldwide
 Solutions

Description:
 Complete solutions provider of
 environmental monitoring program,
 placing profound emphasis on risk
 mitigation and compliance

Key Person:
 Paul Newman,
 Executive Vice President.

Website:
www.golighthouse.com

Lighthouse Worldwide Solutions Complete Environmental Monitoring Solutions

Lighthouse Worldwide Solutions is an industry expert in contamination control and monitoring. The qualification or requalification of an aseptic manufacturing facility depends on the demonstration of controlled environmental conditions. To assure microbiological sterility, pharmaceutical companies require robust environmental monitoring (EM) methods to identify and prevent contamination of drugs and biologics. Implementing a full-bodied EM program involves risk assessments, qualified site-specific sampling plans, as well as setting appropriate control limits. Lighthouse incorporates all these parameters in its comprehensive package of real-time contamination monitoring systems, portable particle counters and viable sampling solutions.



What makes Lighthouse unique is our knowledge-focus and ability to provide comprehensive turnkey solutions to ensure the continued success of our clients

Serving clients for more than three decades, Lighthouse has emerged as the leading supplier of environmental monitoring solutions, placing major emphasis on risk mitigation and regulatory compliance. Ensuring regulatory compliance and quality control are critically important to the pharmaceutical industry. For this reason, in its airborne particle counting product line, Lighthouse has added onboard, downloadable audit trails that allow users to review historical data in order to determine if any changes were made

to the sampling process. A company can easily store and track past records of instrument usage and find the root cause of any anomalies.

Lighthouse's Apex line of remote and portable particle counters continuously monitor key criteria to ensure compliant instrument performance. The ApexR series comes with an optional smart bracket that has built-in automatic location ID, to ensure particle data is tagged with the correct location name.

The company recently released two new portable particle counters, the ApexZ3 and ApexZ50. With enhanced self-diagnostics, internal audit trails, and wireless data transfer, these products are a game changer in the field of portable particle counting. The ApexZ models function both as portable instruments and as wireless sensors as part of a larger system feeding real time data back to a central environmental monitoring system.

Paul Newman, Executive Vice President says, "Lighthouse's success is attributed to our ability to listen to our customers, understand their needs and respond accordingly. The ApexZ product line is the pinnacle of deliberate evolution in the field of portable particle counting. Starting with a significant reduction in weight to create the lightest 1 CFM and 100 LPM portable particle counters on the market today. Alarm

lights were elegantly integrated into the handle to simplify viewing of the instruments status. Enhanced self-diagnostics as well as an internal audit trail help ensure the accuracy of the data and regulatory compliance. With the ability to wirelessly transfer data to your

computer, server or LIMS system these instruments truly provide a paperless solution. Smaller, lighter, easier to use, the ApexZ line of particle counters represent the most technologically evolved instrument on the market today.

What binds all these devices together is Lighthouse's LMS Express RT and LMS Pharma monitoring systems. These systems collect, display, and analyze data from a central location. Both software packages provide automated and sophisticated alarm notification, data viewing, reporting and have auditing that is 21 CFR Part 11 compliant.

The technological innovations of Lighthouse are driven by the vision of bringing superior design to provide far-reaching benefits to the pharmaceutical and life sciences industries. Anchored on this idea, Lighthouse continues to develop inventive instruments to equip pharma and biotech companies with a complete range of environmental monitoring solutions.

"What makes Lighthouse unique is our knowledge-focus and ability to provide comprehensive turnkey solutions to ensure the continued success of our clients," says Newman.

