

Particle Size Analyzers for Powder Processing



PAT (process analytical technology) solutions from Malvern are transforming the control of key unit operations such as milling. Insitec real-time particle size analyzers deliver a data stream for automated control enabling pharmaceutical manufacturers to achieve more consistent product quality, higher throughput and reduced waste. Also available from Malvern are complementary analytical tools that provide relevant insight across the product cycle. These include:

- Mastersizer, a powerful and flexible off-line laser diffraction particle size analyzer.
- SyNIRgi, a chemical imaging system that provides information about the spatial location of chemical species within a sample.

In-line and on-line Insitec solutions measure full particle size distributions at a rate of up to four per second generating a real-time data stream that promotes a better understanding of powder processing operations. These data also provide a basis for automated control.

www.malvern.com [1]

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