SCREENING API WITHOUT EXPOSURE

Screening products under containment conditions is one matter. Maintaining and inspecting cyclone screeners without exposure is another. The secret lies in the flexible liner.

Alberto Vacchi
IMA's Chairman and CEO:
"IMA has grown thanks to acquisitions, but it has always remained deeply rooted to its territory."
Explosion Protection

SENSING DANGER

From IP Technology comes a solution which provides secure explosion detection with high false alarm immunity: The Smart DS, which uses two dynamic pressure sensors in an 'AND' configuration and a smart calculation of the expected rate of pressure rise based on experimental data and 35 years' experience. In the event of an explosion, the Smart DS rapidly analyses the pressure data and actuates the active explosion suppression system. The new Explosion Suppression System is designed to detect the pressure development during an explosion and within milliseconds discharge an explosion suppressant into the enclosed space before destructive pressures develop. Quick, safe and exact measuring is an essential part of the system, the company states. The Smart DS is used, for example, in dedusting plants—mounted in the dirty and/or clean gas sector of the housing. The two dynamic pressure sensors compare the different measurements continuously. In this way, a distinction can be made between the dynamic pressure rise of an explosion versus process-related pressure fluctuations. As a result, the risk of false alarm is reduced to a minimum. The Smart DS allows post-event forensic—storing the temporal pressure profiles of each detector with an accurate time stamp which facilitates the understanding of process conditions and explosion event characteristics. This allows also for the prevention of potential process disturbances to be detected in the future.

Hall 1, Stand 319

Phone +49 211-03016

More on process-worldwide.com: IP Technology

www.process-worldwide.com: Smart DS

In-Process Particle Sizing

FULLY AUTOMATION OF ANALYSIS AND PROCESS MONITORING

The new integralizer of Xoptix offers a new level of intelligence to in-process particle sizing and fully automates analysis and continuous monitoring of changes within the process line. This minimizes user intervention and proactively helps to optimize powder production. The new features enable both dry powder and liquid applications to save money through maximising on- or off-line production and minimised waste. The classic range of particle sizes, manufactured by UK based Xoptix, were first developed 10 years ago with patented technologies, measuring particle size in real-time with laser diffraction at 2000 times per second. The system is designed to ISO 13320 and all standard regulatory requirements.

Hall 1, Stand 229

Phone +44 1684-895590

www.process-worldwide.com: Xoptix

Impellers for Solid Blenders and Dryers

MAXIMUM YIELD IN BLENDERS AND DRYERS

The Ekoelo Impax is an impeller system with a hydrofoil shape that is designed to create both efficient flow in bulk solids and supports the outflow. It is well suited for the mixing and draining of pharmaceutical powders with almost no residues. The vertical solid blenders VPM, featuring the impeller shows the same fast blending capabilities as a helic-type impeller but with an improved discharge behavior due to its unique shape with steep angle blades.

Hall 2, Stand 346

Phone +49-7022-296

www.process-worldwide.com: Ekoelo Impax

Drum Discharging

DISCHARGING BY GRAVITY

Hecht offers two new systems considering high Containment Levels as well as the individual specifications of the operator. One possible option is a processing by gravity, with the CFE-L. The transport to the next step is done by gravity or via pneumatic conveying system Pro Clean Conveyor PDC. Depending on the product it is possible to connect a suction shoe for the conveyor or a stirring device. The other possibility is to discharge drums dust- and contamination-free via a suction lance with the CFE-L. The drum is positioned under the isolator by the automatic lifting device and connected to the box via a roller conveyor. The drum can be discharged completely via suction lance with linear guidance and, as an option, with actuator. An optional inverting with Ni is available. Achieving containment levels up to ORBS is possible.

Hall 1, Stand 229

Phone +49-8441-895-554

www.process-worldwide.com: Hecht

We could explain that everything we create has a unique tone.

We could tell you that we use all our skills in every single detail, or that each project is tuned to your needs.

But maybe all you need to know is that the technology you use is made by IMA.

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Pharmintech 2016
April 13-15, 2016
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Meet us at

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2-2016 PROCESS Worldwide 47