

Maximum Quality Control

Meeting Pharmaceutical-Specific Needs



Pharmaceutical company Cinfa produces more than 92 million products a year. The Spanish manufacturer exports its products globally and needs to comply with standards and guidelines such as the US Food and Drug Administration (FDA) and Good Manufacturing Practice (GMP). According to the strict demands of the pharmaceutical industry, products need to be complete and free of contamination to ensure product safety. Cinfa relies on product inspection equipment from METTLER TOLEDO with 11 checkweighers and latest metal detection technology.

Pharmaceutical metal detectors support compliance needs

Brand protection is about more than just avoiding costly product recalls; it is focused on ensuring patient safety and maintaining credibility and trust. Dangerous metal contaminants can find their way into products through machine wear and tear. This can happen when pills and tablets are pressed. "We needed a highly sensitive metal detection system which meets the exacting standards in our industry. A system which is able to detect all kinds of metal encountered in our manufacturing process" states Oscar Torres, Engineering Manager at Cinfa.

The installed Tablex-PRO metal detector reliably inspects every single tablet and is able to detect metal contaminants less than 0.3 mm in diameter including ferrous, non-ferrous and stainless steel.



After moving to a new production facility CINFA invested in product inspection equipment from METTLER TOLEDO.

Cinfa

Checkweighing and Metal
Detection for Complete and
Contamination-Free Products
Compliance with FDA and GMP



Tablex-Pro (left image) inspects every pill and rejects it if metal contaminants are detected. After the first packaging level, the checkweighers reliably check the completeness of every single package (right image).

"The metal detectors were smoothly integrated with our tablet de-dusters and other production line equipment. With the dedicated software we are in total control of our processes. To support requirements of FDA 21 CFR part 11 we are now able to capture electronic signatures and track user access" confirms Torres.

No missing blister packs or leaflet with a completeness check

The pharmaceutical industry has the strictest quality standards for a reason. Cinfa needs to ensure that the correct amount of blister packs are packed in each single carton and that all cartons contain the patient information leaflet. Checkweighing is a highly effective tool used in conjunction with a well-designed quality control programme. By installing checkweighers specifically designed for pharmaceutical production, Cinfa ensures all prod-

ucts are checked for completeness.

"The pharmaceutical checkweighers were seamlessly integrated into our production lines where weighing needs to be highly accurate and reliable. It allows us to make the production process transparent delivering real-time data on access management so that we can fully trace all system changes" explained Oscar Torres.

The checkweighers' enhanced software and mechanical features such as the detection of open flaps and askew packages protects downstream equipment. The reliable handling of products has top priority. For instance, with the transversal adjustment option, installed products can be automatically re-centered which leads to optimal positioning of products on the weighing conveyor and results in improved weighing accuracy.

Cinfa was satisfied by the modular construction of the incorporated checkweighers which allows for future adaptations when it comes to requirements such as serialization and anti-counterfeiting of pharmaceuticals.

Comprehensive expertise from one reliable partner

During commissioning, Cinfa was supported by experts from METTLER TOLEDO to combine professional installation and qualification of the equipment.

"This gave us the certainty that our lines are running and performing as planned and that we can easily overcome any future validation processes. METTLER TOLEDO has always been a reference for us. Their wide equipment portfolio can be found in almost all, our departments. The overall expert knowledge across all our business processes combined with an excellent all-around service has convinced us." says Oscar Torres.

More information:

► www.mt.com/pi-cinfa

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