

PROMIS Centre continuous processing pilot plant



Flexible trials for continuous feeding, blending, roller compaction and tableting

The PROMIS Centre pilot plant provides a flexible, fast and cost-effective way to monitor pharmaceutical processes. New projects need efficient pilot testing to demonstrate operational viability and the proof of concept. Pilot studies in the PROMIS Centre pilot plant generate pharmaceutical processing data that can reduce financial investment and technical risks when setting up a full-scale plant. In the PROMIS Centre, we can help you to prove critical components of your flowsheet and verify that your process meets environmental requirements. The pilot plant can be used to simulate existing operations without interrupting production at the main plant, i.e. evaluation of new equipment or technology, troubleshooting, and assessment of the impact of processing new raw materials. We offer piloting services with realtime PAT tools, including multipoint NIR in diffuse reflectance and transmission, particle sizing, and novel transmission Raman together with standard end-product analysis.

In the PROMIS Centre, we have expertise to

- establish flowsheet viability
- demonstrate the feasibility of continuous manufacturing
- quantify the impact of raw materials
- generate samples for market evaluation
- train critical plant staff



References

- MSD - two blending units + direct compression
- Hosokawa - blending
- Orion - continuous direct compression
- Bayer - continuous powder processing

Additional information

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