
PHARMA IN FOCUS.

DRYING ACTIVE INGREDIENTS EFFECTIVELY AND SAFELY.



AVA
DRYNAMIX

The production of increasingly potent active ingredients places high demands on the pharmaceutical industry. In addition to safe products, risks for employees and the environment must also be excluded. AVA develops future-proof, tailor-made solutions - in accordance with the current GMP guidelines and FDA-compliant. Whether precise homogenization, gentle vacuum drying or granulation - with AVA there is always a competent partner at your side.

CUSTOMIZING
TURBULENT
ACTION

A BHS Company

DRYING OF APIs.

PROFESSIONAL HANDLING OF HIGH QUALITY INGREDIENTS.

AVA offers API dryers for the highest, reproducible product quality.

The parameters of the end products are achieved by gentle drying, modern measuring instruments (IPC) and intelligent control. Internationally applicable standards ensure industrial safety and a high level of trust in our products.

Highest, reproducible quality

AVA API dryers operate with a dynamic vacuum drying process. A low process pressure reduces evaporation temperatures. The helix mixing principle ensures low shear forces and grain breakage. Thermal and mechanical stress are consequently minimized. Due to the sophisticated process control a consistent, homogeneous end product is achieved.

Short drying times

Drying times can be significantly reduced with the AVA technology. The permanent product movement in combination with large heat transfer areas leads to quick drying results. The heated agitator provides

additional heat exchange surfaces and prevents unwanted solvent condensation and product buildup. Uniform residual moisture values in the ppm range are thus achieved.

Always GMP and FDA compliant

Operator and production safety are already anchored in the GMP-compliant system design of the AVA API dryer. The low dead space, vertical design of the mixing vessel supports automated plant cleaning (WIP, CIP). Versions with a lifting column enable easy access to the interior. The shaft seal of the mixer is not in contact with the product by design. Cross-contamination is thus reliably avoided also in multi-product operation. Even highly potent active ingredients (OEB 5) are processed safely.

Contact us now!

Your Contact

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Perfect performance:
from dust-free emptying (OEB 5)
to fully automatic filling in endless liner
to CIP cleaning.

AVA process technology for advanced drying of APIs

Your benefits at a glance.

- High process reliability in multi-product operation
- Highest, reproducible product quality
- All machines GMP and FDA compliant
- Short drying times
- Fully automatic containment solutions