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Manufacturer of equipment for pharmaceutical, chemical and food industries

PHARMACY

Aseptic devices and tanks in conformity with GMP standard

The KATES company has long-standing experience in designing and producing devices for the pharmaceutical market. We manufacture aseptic devices and tanks in conformity with the GMP standard, to be used in pharmaceutical, cosmetic, dairy and broadly understood food industry.

Our offer includes:

- vacuum-pressure reactors,
- non-pressure reactors,
- homogenizing mixers,
- compact mixers,
- process mixers,
- loose product mixers,
- powder suction systems,
- powder suction systems,
- works transport tanks,
- filters,
- stationary and mobile CIP wash stations – with manual or automatic control,
- storage tanks,
- bin manipulators,
- extractors.



A homogenizing mixer



A reactor, V= 7L



A conical mixer on scales



A conical mixer with a turbine

The KATES company offers to handle the process of validation of its own or other manufacturers' products (devices). The offer includes the preparation of necessary documentation and performance of qualification tests.

The validation process is aimed at proving that a device is up to or exceeds the standards established by the customer in the user requirements specification.

The qualifying procedure consists in performing well-documented verifying tests conducted in various combinations, depending on particular needs.

A set of documents concerning the qualification tests performed constitutes the qualification documentation, e.g. "FAT", "DQ", "IQ", "QQ".

"DQ" design qualification documentation – design qualification is aimed at providing a well-documented proof that at the stage of designing, a device meets the user's basic requirements. Approval of the tests results enables the manufacturer to commence production.

"IQ" installation qualification documentation – provides a well-documented proof that a device is made of all the installation components in accordance with the requirements specification, the components are fitted correctly and the necessary as-built documentation of the device is complete.

"OQ" operational qualification documentation – provides a well-documented proof that a device operates correctly throughout the expected range of work parameters.

"FAT" qualification documentation – provides a proof that prior to its shipment and installation at the place of destination, a device meets the basic requirements of the user's specification. Approval of the tests results enables the manufacturer to commence the device shipment procedure.



A planetary-motion worm agitator



C.I.P. wash station



A laboratory homogenizing mixer, V=100 L



A laboratory homogenizing mixer, V=50 L



A gel and ointment mixing assembly