

PRESS INFORMATION

LEWA: Complete systems from the specialist for metering

For complex metering and mixing applications LEWA designs the single-source system solution: this can extend from basic engineering via pre-testing of process steps to commissioning of the package on-site.

Many industrial users prefer such system solutions. The main advantages expected from this by the operators: there is one supplier and contact only for all machinery and equipment required, interface problems between the individual components simply do not develop. At the same time the customer benefits from the specialized know-how of the supplier – this shows in a higher quality of the consultation and in a more economical planning and processing overall.

The complete system is supplied ready for operation and installed on site as well as commissioned if desired. This excludes possibilities for errors as much as possible.

Such complete solutions – including turn key packages – LEWA is offering to customers from the food industry as well as the pharmaceutical and chemical industry.

One example are the packages for the manufacturing of fabric softeners offered by LEWA. Such softeners prevent the so called “dry stiffness” when laundry is getting dry. This is achieved by a precisely metered addition of tensides. Most manufacturers also meter fragrances and bleaching agents.

To these companies LEWA offers continuous, recipe-controlled packages for all common tenside concentrations used in the market. The design, adapted to the individual application, comprises all process steps including instrumentation, controls, automation and recipe management. Engineered by the metering specialist the packages always handle the absolute minimum volumes in the production process only, the waste volumes when changing a recipe are negligible!

The classical process steps at a glance:

- bringing the components to processing temperature
- recipe based, synchronous metering of the individual components into different mixing chamber
- consideration of the fluid groups to improve the mixing quality
- Sensing and setting of the refractive index, viscosity and temperature
- Re-cooling of the pre-heat applied

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