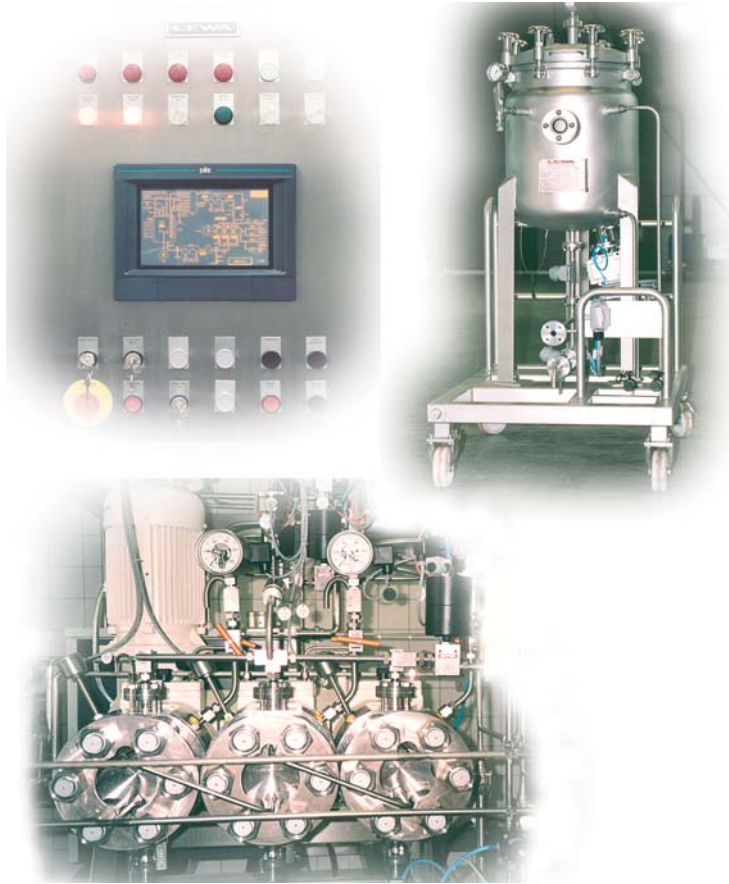


Fluid metering systems for the pharmaceutical industry



One application example among many:

Mobile modules for additive metering in the production of tablets

High demands

The pharmaceutical industry makes high demands on the production processes. It demands:

- High precision with regard to the absolute momentary value
- Wide metering range
- Controlled metering (good monitoring and signalling of deviations)
- Option for recording
- Hermetically tight system
- Easy to clean (surface quality, no dead spaces)
- Ability to pump diverse fluids
- Matching the application and the operator's requirements
- Easy operation
- Not affecting product quality by poor operation
- Optimal cost/benefit ratio

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Phone +49 (71 52) 14-0**Telefax** +49 (71 52) 14-13 03**E-Mail** lewa@lewa.de**Internet** www.lewa.de**LEWA optimally meets all these requirements**

LEWA has interesting product options with the pump programs LEWA ecodos and LEWA ecoflow in hygienic and sanitary design.

Advantages of LEWA metering pumps and metering systems are:

- High metering accuracy
- Precise reproducibility
- Wide metering range
- Suitable for the most different fluids
- Hermetically tight
- Low product retention times (gentle conveying)
- Depending on option: CIP and SIP cleanability
- Hygienic design
- Material certificates acc. to 3.1B
- EHEDG inspection certificate, QHD-certificate, 3A approval 44-03
- Suitable for clean rooms installation

LEWA metering systems for the pharmaceutical industry

The distinctive feature of LEWA metering systems mainly is precise and fast flow control. Due to the pump characteristics stored in the FIS dialog micro-processor or other controller there is not only a mutual control of pump and flowmeter being carried out, but also a plausibility check. This assures high operational safety and metering accuracy. Additionally, with this control an alarm can be generated very fast in case of impermissible deviations. A further advantage, apart from the hermetical tightness and the easy cleanability of LEWA metering systems, is the possibility of continuously recording all production processes. LEWA also has great experience in the selection of suitable flowmeters and other components. We use matching parts, which assures trouble free function of the metering systems.

LEWA is a member of the leading boards for hygienic construction of packages

