

PRESS INFORMATON

Fluid handling for chromatographic separation processes

The downstream processes take a key role in the production of pharmaceutical and bio-technological products and fine chemicals; they are basically decisive for the quality of the product und often crucial for the economic efficiency of the complete process.

For years LEWA has supplied metering pumps and metering systems for chromatographic separation processes on an industrial scale. These pumps and systems have proven excellently due to the precise, reproducible metering accuracy, the wide adjusting range and the high product quality. They are used, among others, for the following processes:

- Low- and medium-pressure chromatography (e.g. preparative liquid and column chromatography, normal and reversed phase chromatography and ion exchange chromatography).
- High pressure chromatography (high-pressure liquid chromatography (HPLC), preparative counter-current chromatography with supercritical carbon dioxide SFC (supercritical fluid chromatography)).

For these processes LEWA supplies diaphragm metering pumps as well as complete metering systems. Apart from their high availability and reliability the hermetically tight pumps have the following basic, technical features: precise flows (gradually resp. linearly adjustable), precisely reproducible positioning accuracy and a very wide, reproducible adjusting range. In hygienic design the wetted parts are electro-polished, the materials are FDA conform and the pumps are EHEDG-certified. The packages are CIP- as well as SIP-able.

Important: The company offers the design as complete skid with all process-relevant attachments for integration into chromatography systems – together with extensive documentation for qualification and validation. Moreover qualified afters sales service is available worldwide.



ECOFLOW_Hygienic.eps



Reference: Novasep

Novasep.eps

Printable versions of images are available at www.schwabe-braun.de/lewa-presse-achema.htm

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