



## **ChromaCon and LEWA sign License and Technical Collaboration Agreement**

**Agreement covers intellectual property relating to GMP scale up of cyclic and continuous processing of biopharmaceuticals**

Zurich, Switzerland; Leonberg, Germany and Devens, MA USA September 29, 2014 – ChromaCon AG has entered into a licensing agreement with LEWA GmbH and LEWA Process Technologies. This agreement will enable the further development of each company's current and future biopharmaceutical manufacturing technologies. As a result of the agreement, the biopharmaceutical industry can expect significant cost savings and quality benefits in downstream processing.

“This agreement enables clients to employ the GMP manufacturing technologies and global commercial reach of LEWA to further advance the use of ChromaCon's CaptureSMB<sup>®</sup> process,” said Michael Bavand, CEO at ChromaCon. “Furthermore, customers who have our entry-stage Contichrom<sup>®</sup> laboratory systems will benefit from knowing they have the ability to scale up to LEWA EcoPrime<sup>®</sup> chromatography GMP systems and the freedom to employ our proprietary process control principle, without violating future patent rights, when sourced from LEWA.”

The companies have already started worldwide commercial collaboration activities to promote ChromaCon's CaptureSMB<sup>®</sup> chromatographic process technology which are implemented in the LEWA EcoPrime<sup>®</sup> equipment platform at the GMP scale.

The CaptureSMB<sup>®</sup> process principle allows faster capture step processing, preserves protein integrity, increases economic use of Protein A resins and uses less space on the manufacturing floor. In addition, the commercial collaboration also includes the future development of novel continuous processing employing LEWA's downstream suite of custom purification technologies and multi-unit control software expertise with certain ChromaCon technologies. This will allow the use of multiple process principles such as batch chromatography, sequential multi-column chromatography, CaptureSMB<sup>®</sup>, and MCSGP process principle confined to the same platform.

Gerard Gach, Chief Marketing Officer of LEWA Process Technologies (formerly Integrated Process Technologies), commented: “We are elated to acquire the rights to extend the LEWA EcoPrime<sup>®</sup> chromatography platform and partner with ChromaCon to advance the use of continuous chromatography for the benefit of our customers. EcoPrime<sup>®</sup> LPLC is already an innovation leader in precision processing and batch-to-batch reproducibility, and the agreement will enable both our companies to further accelerate the development of advanced cost saving downstream processes for the biopharmaceutical manufacturing industry.”

Under the agreement, ChromaCon has granted LEWA license rights to intellectual property developed by ChromaCon for twin column bed chromatography. These manufacturing rights cover the use CaptureSMB<sup>®</sup> at the pilot and GMP scale and certain other ChromaCon process techniques. Additionally the parties agree to mutual collaboration in the process development, pilot and process scale. The financial terms of the agreement were not disclosed.

**ChromaCon AG** is a private Life Science Tool company located in Zürich, Switzerland, providing novel, best-in-class chromatographic process solutions to the biopharmaceutical industry. ChromaCon has developed and patented process principles, process control, equipment designs and operating software for cyclic and continuous chromatography, providing significant CAPEX and OPEX cost savings and enabling scalable chromatographic solutions for large scale purification applications. Its Contichrom<sup>®</sup> entry-stage equipment is co-marketed worldwide with its partner Knauer (Germany). Besides, ChromaCon develops and markets affinity purification solutions for column and membrane chromatography applications and tools for site-specific protein conjugation. For more information about ChromaCon AG, please go to [www.chromacon.ch](http://www.chromacon.ch).

**LEWA GmbH** was founded in 1952 as a family company by Herbert Ott and Rudolf Schestag, and today is the world's leading manufacturer of metering and process diaphragm pumps as well as complete metering systems for process technology. The company, headquartered in Leonberg, Germany, has developed over just a few decades into an international group, and its position in the world market was further strengthened by its integration into the Japanese Nikkiso Co. Ltd. in 2009. As a researching and productive company, LEWA develops technologies and works out solutions for a wide variety of its customers' applications. Products are primarily used in the oil and gas industry, in the area of gas odorization, refineries, and petrochemistry, but also in the manufacture of plastics, detergents, and cleaning agents. Additional application areas can be found in chemistry, the cosmetics industry, in pharmaceutical and biotechnology, in the food and beverage sector, and in power supply. LEWA currently has approximately 1000 employees and has 16 subsidiaries worldwide as well as representatives and sales offices in over 80 countries.

**LEWA Process Technologies** provides advanced purification and fluid management systems and engineering services that are shaping a new age in Life Sciences manufacturing. Our broad expertise in process innovation and our open source software help our customers to deliver exceptional quality and cost effective engineered solutions for the purification and blending of critical fluids. We are aligned with LEWA GmbH, and Nikkiso, Corporation to leverage the global sales and service and fluid dynamic innovations of these multi-national leaders in fluid management and precision pumps. LEWA Process Technologies is the only company that combines deep expertise in fluid dynamics with proven pump technology to engineer advanced systems that move fluids with unmatched precision, reproducibility, flexibility and efficiency. Headquartered in Devens, MA, USA, (formerly Integrated Process Technology, Inc.) [LEWA Process Technologies](#) is a unit of LEWA GmbH and its parent NIKKISO Co., Ltd.