



PRESS RELEASE / FAQ's

YMC acquires Zurich based ChromaCon business

YMC expands footprint in multi-column continuous purification technologies with additional investment in Asia planned for 2019

Kyoto, Japan; Zurich, Switzerland; 9 Apr., 2019 – YMC acquires ChromaCon AG – a leader in continuous chromatography.

YMC Co., Ltd. (“YMC”), a leading supplier of separation resins, services and systems for the pharmaceutical market, has acquired all shares in ChromaCon AG (Zurich, Switzerland) and executed the transfer of 100% shares in the Company on April 1, 2019.

ChromaCon has a portfolio of proprietary continuous chromatography technologies and markets laboratory scale separation/purification systems utilizing these technologies globally. ChromaCon technology has pioneered twin-column purification that drastically increases productivity in both large (biopharmaceutical) and small (pharmaceutical) molecule manufacturing as well as significantly reduces operational cost.

YMC and ChromaCon have already built and maintained a strategic business alliance with YMC being an exclusive distributor of ChromaCon’s lab-scale systems in Japan and India. ChromaCon had also licensed technologies to YMC Process Technologies (“YPT”) (Devens MA, USA) for GMP production scale equipment. YMC completed its acquisition of YPT from LEWA-Nikkiso America December 2018. YPT develops and manufactures scale-up separation systems for the pharmaceutical manufacturing industry.

With ChromaCon joining the YMC Group, YMC has now a fully integrated organization (YMC, ChromaCon and YPT) leading the development and commercialization of

More information for press members:

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Publication free of charge, specimen copy requested



continuous separation/purification systems for biopharmaceutical and pharmaceutical industry from lab to production scale (GMP) manufacturing.

Moreover, the YMC Group provides a range of chromatography resins, columns and services which enable manufacturers to access a full complement of resources to facilitate the cost-effective production of next generation drugs.

Extending its present global leadership role in continuous separation/purification technology the YMC Group is furthering its investment through expanding R&D of the continuous separation/purification platform in its Kyoto, Japan, site where YMC is building a new facility, scheduled to start operations in October 2019.

The YMC Group intends to accelerate development of the continuous separation/purification business on a global basis leveraging the YMC Japan, US, & EU sites in a quest to lead innovation in continuous separation/purification system business in all geographies.

- ENDS

About ChromaCon AG



ChromaCon is a life science tool company located at Zurich, Switzerland, providing best-in-class process solutions to the pharmaceutical industry. ChromaCon has developed and patented novel process principles, process control and simulation software, equipment designs and operating software for batch, cyclic and continuous chromatography. These process solutions result in significant CAPEX and OPEX cost savings and enabling scalable chromatographic solutions for large scale purification applications. The Contichrom® laboratory-scale equipment is co-marketed worldwide by the ChromaCon and its partners. ChromaCon has provided global licenses for its process technologies to YPT for implementation into scale-up systems.

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About YMC Co., Ltd.



YMC is a private life science company headquartered in Kyoto, Japan. Founded in 1980, YMC has over 9 affiliates and facilities throughout Asia, Europe and America. The about 500 employees are providing best-in-class lab and process solutions to pharmaceutical industry. YMC focus is in innovation, production and sales of packing materials, packed columns and systems for High Performance Liquid Chromatography (HPLC), Low Pressure Liquid Chromatography (LPLC) and custom purification and custom synthesis. YMC operates a CMO facility and pilot plant incorporating state of the art simulated moving bed (SMB) purification. YMC is also engaged in the production and sales of micro-reactor systems. YMC's intellectual properties, cultivated from many years of experience, will continue to push the limits to create a prosperous future for purification and discovery of small and large molecule therapies.

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9 April 2019

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YMC Acquisition of ChromaCon Group

FAQ's

What was acquired by YMC?

100% of ChromaCon shares and intellectual property rights were acquired by YMC. The deal included the patents around multi-column processing, the innovative Contichrom benchtop instrument family of products and several license arrangements as well as all other fixed assets.

Why did YMC acquire this business?

YMC saw this business as the leading growth platform of advanced bio / pharma continuous purification and separation systems (e.g. multi-column (continuous) chromatography). These technologies paired well with YMC's leading resins, gels and columns and GMP scale LPLC and HPLC systems.

What are plans for this business?

The Zurich based business entity will be a group within YMC global operations, closely aligning with the YPT business acquired by YMC in December 2018. YMC will retain all employees and will quickly expand the ChromaCon technology into its Asia operations. The business will benefit from YMC's vast resources in method's development, discovery scale products, complementary prep scale systems, and their global operations all focused on serving the bio/pharma customer base. YMC has expressed a desire to significantly grow the continuous chromatography systems' business.

Will the ChromaCon based management team be changed?

No. The present management team will continue with the Zurich business under YMC.

Can you tell me about YMC?

YMC is a technology and services supplier to the pharmaceutical / biopharmaceutical industry since 1980. With around 400 employees focused on technologies to support the development and production of drug therapies in all major global geographies, YMC is a privately held, growth-oriented company with a balanced consumables, hardware and services strategy. They have a robust portfolio of (chromatography) media / resin, columns and systems for both research and production scale applications. More at: <http://www.ymc.co.jp/en/>

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YMC headquarters are in Kyoto, Japan and they have multiple facilities in Japan as well as significant holdings in Europe, China, India and a sales distribution group in America (Pennsylvania). YPT, being fully owned by YMC is located in Devens, MA.

What are YMC's mission and core values?

YMC Corporate mission: *“Strive to contribute to the future of science and society by separation and purification technologies.”*

YMC Vision: *Become a global leader of separation and purification technologies and products.*

YMC Principles

- Act with honesty and integrity, and build trust with all stakeholders.
- Aspire for higher standards by encouraging one another to bring out one's full potential.
- Embrace the challenge of continuous innovation with Can-do spirit.
- Foster an open-minded and diverse corporate culture with fairness and humility at the core.

Is there a website change?

Not immediately. The Zurich business will have its own website (but will be updated and branded to YMC).

Who should I contact if I have questions about the change?

In Europe please contact Michael Bavand michael.bavand@chromacon.com or e-mail <mailto:sales@chromacon.ch> for questions. In the USA please contact Gerard Gach ggach@ymcpt.com and in Asia please the General Affairs Department, YMC CO., LTD. at <https://www.ymc.co.jp/en/inquiry/form/>

web: www.chromacon.com

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Shown: ChromaCon Contichrom instrument (right) with YMC EcoPrime Twin column GMP scale incorporating ChromaCon patented 2-column CaptureSMB process.

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