

YMC Expands, Adds Insight Center Laboratories in USA



Devens, MA, Thousand Oaks, CA – YMC is significantly expanding its lab capabilities in the USA by opening labs in Devens, MA and Thousand Oaks, CA (USA) to complement their long-standing partner lab in Maryland. These new labs are fully equipped and staffed with industry-experienced scientists. Much more than testing or demo labs, YMC will be using these facilities to conduct relevant separation studies and other research-based activities. Accordingly, YMC refers to these new laboratories as *Insight Centers*.

In Devens MA, a 3,500 square foot (325 m²) building adjacent to the Company's principal headquarters contains the larger of the two new Insight Centers. A slightly smaller laboratory in Thousand Oaks, CA is YMC's Insight Center in the west.

Both laboratories serve to showcase YMC's purification technologies, with the MA location capable to operate GMP scale systems in addition to lab scale equipment. Crucial to YMC's concept for the Insight Centers, these labs are staffed by scientists who will be tasked with purification services and method development. Some examples:

- Scale-down of analytical HPLC methods to UHPLC
- Continuous purification via multi-column chromatography
- Scale-up of analytical to preparative separations for purification
- Column screening to find the best resin match for a given process or analysis
- N-Rich - impurity enrichment and identification - an exclusive YMC service
- Rugged and robust LC method development

- Method troubleshooting and improvement
- Generating new methods or optimizing existing methods
- Development services for both small and large molecules, batch or continuous processes

The Insight Centers serve end users and CMO's as state-of-the-art facilities for short- or longer-term contract studies, applications development, and hands-on training for YMC's bench, pilot scale, and production scale purification technologies.



YMC's operates their contract-based fee-for-services business out of the Insight Centers. These purification and process development services are highly sought-after since they utilize the accumulated experience, know-how, and proven equipment available within the Insight Centers. The Insight Center in Devens, MA has available GMP-scale equipment.

Contract purification of high-value-added substances, such as APIs or complex intermediates, is one of the services available at the Insight Centers. The knowledgeable scientific staff also optimize methods and develop preparative purifications. The resources utilized – including sophisticated preparative LC systems and YMC's advanced packing materials –are developed and produced by YMC.

For nascent pharma and biopharma operations with limited capital and limited access to state-of-the-art technologies, YMC can offer services related to process modeling, feasibility, purification development, and even customer access to YMC systems – sometimes known as on-site rental – for projects and proof of concept.

The Insight Center in Devens MA also performs IQ/OQ testing of bench scale systems prior to shipment to customers. These services, and the documentation produced, ease the burdens of installation and system validation steps required upon final installation at customer sites.

More information on our laboratory services can be found [here](#).

An example of one set of services can be found by clicking on the image below.



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About YMC Co., Ltd.

YMC is a private life science company headquartered in Kyoto, Japan. Founded in 1980, YMC has 9 affiliates and facilities in Asia, Europe, and the Americas. Over 500 YMC employees are providing best-in-class lab and process solutions to bio/pharmaceutical industry.

YMC delivers and supports these solutions in all major global geographies on six continents.

YMC's focus is on 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 America has been in operation for over 30 years serving the Americas. In 2019, YMC acquired the former LEWA Process Technologies (Devens, MA USA) and ChromaCon AG (Zurich, CH).

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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