



Accelerate
continuous
chromatography
insights
at your own pace

Contichrom[®] Services

Feasibility Studies

Rentals

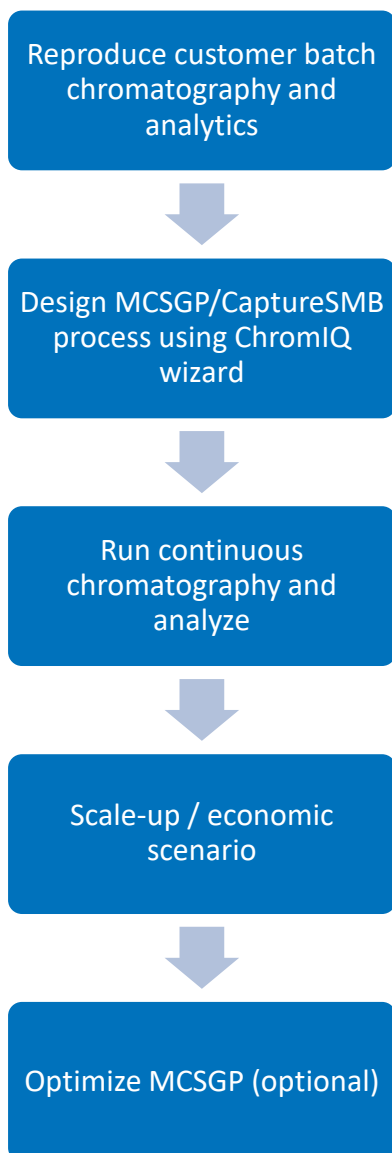
Demos & Workshops

Contichrom Feasibility Studies

Save time and internal resources in process development through Contichrom feasibility studies

Contichrom feasibility studies get you to a full development of a continuous twin-column process on the fast track using the experience of YMC / ChromaCon. The work is carried out by highly experienced YMC / ChromaCon staff in their facilities on your target product. The typical turnaround time is 4-8 weeks. The service is available for both CaptureSMB and MCSGP.

Feasibility study workflow:



Only 4-8 weeks to receive:

- ✓ Twin-column process development report
- ✓ Assessment of improvement of batch chromatography
- ✓ Scale-up scenarios

Contichrom feasibility studies systematically investigate the process performance advantages of Continuous Chromatography of traditional batch chromatography, translating into:

- Time-savings through improvement of yield, productivity
- Cost reduction by improving resin utilization, lowering buffer/solvent demand

Good to know:

- Contichrom CUBE systems will be used for study
- Successful track record of peptide, oligo and protein purification studies
- Product quality of continuous chromatography runs is determined using customer HPLC analytics at ChromaCon/YMC. Samples available for confirmation at customer
- Regular progress updates
- Final report is provided



Contichrom Rentals

Build continuous chromatography knowledge in-house

Contichrom rentals enable you to assess continuous twin-column processes in house. ChromaCon / YMC staff install the Contichrom system at your site and provide you a training to get you started. Regular meetings are offered to accompany your evaluation.

Both benchtop and pilot scale systems are available for a rental period of 2 months.



Rent a Contichrom system benefits:

- ✓ In-house Continuous Chrom. Development
- ✓ Installation and Training by YMC staff
- ✓ Support throughout rental period
- ✓ Pilot scale rental available

With Contichrom rentals, you gain hands-on experience with the CUBE and TWIN systems. Use your own internal resources to drive your project and to assess the advantages of continuous chromatography:

- Time-savings through improvement of yield, productivity
- Cost reduction by improving resin utilization, lowering buffer/solvent demand

Delivery and installation of Contichrom system



Rental period with support by YMC incl. Initial on-site training



Data review and System return

Good to know:

- Contichrom CUBE / Contichrom TWIN pilot scale systems available
- Discount on system purchase can apply with prior Rental
- Utilize Remote Support by YMC by allowing system access via guest Wifi or Hotspot
- YMC staff will work with you on a plan for systematic investigation of continuous twin-column processes



Contichrom Demos and Workshops

Demos:

Get a fast overview of continuous chromatography

Visit a YMC application lab for a day to see a live demo of the Contichrom system. Get a feeling of the handling of the system and the simplicity of twin-column process design and process valuation. Based on your preference, CaptureSMB, MCSGP or N-Rich will be shown.

Demos of both benchtop and pilot scale systems are possible. (Pilot scale: dry runs only)

Attend a Contichrom Demo:

- ✓ See the Contichrom system in operation
- ✓ Select CaptureSMB, MCSGP or N-Rich demo

Workshops:

Hands-on training on continuous chromatography

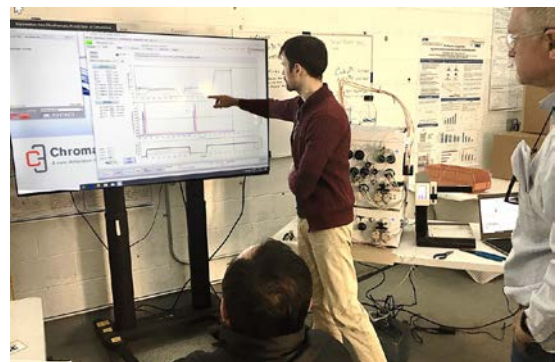
YMC/ChromaCon hold regular workshops at universities. Continuous process principles and background is explained in a series of lectures and a twin-column process is run in the lab. Please check the websites www.chromacon.com and www.ymcpt.com for information on the next workshop

Attend a Contichrom Workshop:

- ✓ See the Contichrom system in operation
- ✓ Learn more about the twin-column processes

Good to know:

- Workshops are held in Europe, US, India, Korea and Japan
- A certificate of participation is provided



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