

Download the tool and compare your present batch to the same on a multi-column system. Simple as **1,2,3.**



1. Choose cost or time savings projection

EcoPrime Twin Projection Tool



How much can you save with EcoPrime Twin multi-column capture chromatography?

Continuous vs Batch Processing

You choose either or both scenarios to model.

Compare your present batch process to a 2-column continuous capture process



Minimize my Protein A (resin) cost

(Hold my process time equivalent to my current batch)



Reduce my process time (increase productivity)

(Keep my current resin volume)

2. Enter your batch data and click



EcoPrime Twin Projection Tool

Minimize my Protein A (resin) cost
(Hold my process time equivalent to my current batch)

Enter data from your batch process

- Enter your column diameter: cm
- Enter your resin bed height: cm
- Enter your column load: g/L_{resin}
- Enter linear velocity(feed): cm/h
- Enter linear velocity(process): cm/h
- Enter Protein A resin cost: \$/L
- Enter the titer: g/L
- Enter the typical yield: %
- Enter buffer cost: \$/L

Result

Click "Result" to see your process results with a 2-column system

3. Voila! Your results. Print and go!



Minimize Protein A (resin) Cost



Print your results for your reference

Congratulations!



Your results are tabled, graphed and monetized

61% Protein A resin reduction which corresponds to resin savings of **\$445,864** at \$13,000/L resin cost

System size, capacity and column range is modeled based on your batch process inputs

Based on your input parameters, we recommend our **EP Twin 500** system to reduce your resin costs. It has a maximum flow rate of **10 L/min** and column ID range of **8 – 45 cm**



EcoPrime Twin, multi-column continuous LPLC, engineered for simplicity.



More information - please contact your regional sales representative.

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The future provides broader solutions for our customers

YMC Co., Ltd. assumed all rights and production for the EcoPrime suite of systems in late 2018 from LEWA-Nikkiso America, Inc. and the Contichrom portfolio from ChromaCon AG in 2019. These acquisitions bring a broad spectrum of chromatographic resins, and columns ideal for large and small molecule purification in a continuous process format.

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