

LUMERA™

Multi-Channel Protein Purification
System with Real-Time UV Insight

PROMOCHROM
a Velaris brand



Illuminating
A New Era
of Protein
Purification

SCAN to
Learn More



**Multi-Channel
High Throughput Purification**



**Automated Column
Cleaning & Regeneration**



**Integrated Real-Time
UV Detection**



Intuitive, Standalone Operation



**Automated Flow-Through
Re-Application to Maximize
Protein Yield**



Compact & Lab-Friendly Design

A multi-channel protein purification platform that maximizes throughput, protein yield, and operational efficiency - without increasing complexity

LUMERA™



Automated Flow-Through Re-Application

Lumera™ can be programmed automatically to **re-apply unbound target proteins** from the flow-through back onto the column, **increasing binding efficiency** and maximizing resin utilization.



Integrated Real-Time UV Detection

Monitor **protein binding, breakthrough, and elution in real time** with **integrated UV trace visualization**. Live feedback enables better control of column loading and purification decisions without manual sampling.



Column & Purification Method Compatibility

Lumera™ supports a **wide range of column formats** and **chromatography methods**, allowing seamless integration into existing protein purification workflows.

Supported column formats

- Pre-packed columns (e.g., GE HiTrap™ columns)
- Self-poured columns

Compatible purification methods

- Affinity chromatography
- Ion exchange chromatography
- Hydrophobic interaction chromatography

Lab-Friendly Design

The **compact** bench-top design allows Lumera™ to **operate inside cold rooms or laboratory cabinets**, supporting temperature-sensitive purification workflows while maintaining convenient access and standalone operation.

Contact Us

+1 (833) 772-4766

info@promochrom.com

1103-13351 Commerce
Pkway, Richmond, BC
V6V 2X7, Canada

www.PromoChrom.com