

Fit-for-purpose, intuitive control tower with high-precision components for efficient, customizable, and remote-controlled bioprocessing

## **KEY FEATURES**

- Application-based "fit-for-purpose" customization (cell, microbial, plant,..)
- ✓ High quality components (PLC Siemens, sensors Hamilton, pumps Watson Marlow)
- Next-gen bioreactor software with preconfigured cultivation programs
- Three interfaces to ensure usability for various user groups
- Advanced sensor integration and gas flow control options
- Remote monitoring

## **APPLICATIONS**

- Cellular agriculture
- Novel ingredients & nutraceuticals
- Biopharma & therapeutic R&D
- Academic and industrial research

The AUXO® V Control Tower features a modular design with flexible configuration options to match your specific process needs. Choose between models that control one or two vessels, with a customizable number of high-precision Watson Marlow pumps.

Built around a robust Siemens PLC, the system integrates Hamilton sensors for gold-standard accuracy. Designed for optimal efficiency, the setup focuses on essential components, minimizing complexity without compromising performance.

The intuitive Human-Machine Interface (HMI) enables easy operation with a recipe-based control system, ideal for users of all experience levels. With USB 2.0, Industrial Ethernet, and MODBUS connectivity, and secure web-based remote access, the AUXO® V Control Tower ensures seamless integration, real-time monitoring, and full control-anytime, anywhere.



## Control tower: technical specs

## **AVAILABLE MODELS**

CT-GL-001

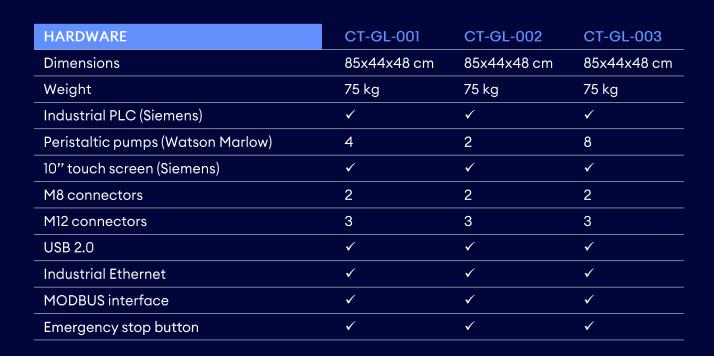
AUXO V® Single Vessel Control Tower 4 pumps (4 / vessel) | available vessels: 2 - 15L

CT-GL-002

AUXO V® Dual Vessel Control Tower 2 pumps (1 / vessel) | available vessels: 2 - 15L

CT-GL-003

AUXO V® Dual Vessel Control Tower 8 Pumps (4 / vessel) | available vessels: 2 - 15L



SOFTWARE	CT-GL-001	CT-GL-002	CT-GL-003
System monitor	Gas flow, agitation, DO, pH, feed pump, temperature		
Standard integrated sensors	pH, temp, DO		
Data logging integration	✓	✓	✓
Pre-configured and custom recipes	✓	✓	✓
Export formats	.csv and .xls	csv and .xls	csv and .xls
Recording capacity	30 days	30 days	30 days
Stratified user management	✓	✓	✓
Web-based remote monitoring	✓	✓	✓