

elab Laboratory Solutions

TECNIC's suite of laboratory equipment provides reliable, efficient, and high-quality solutions for laboratories worldwide.



STR eLAB Advanced Up to 10 L

An advanced bioreactor for the growth of cells and microbial cultures that is scalable and designed with the most advanced elements.



eLAB Multi Module Up to 12 additional vessels

Expand your operation of eLAB Advanced with multiple vessels controlled by a single control unit, through the configuration of extra modules; one for every two extra vessels.



TFF eLAB TFF Up to 0.5 m² of surface area

High-performance automatic tangential flow filtration laboratory system for superior results, an excellent choice for research, development and small production purification.



TFF Single Use eLAB TFF SU Up to 0.5 m² of surface area

Fully automatic Single Use TFF system designed for handling the most critical purification needs to deliver outstanding results in research, development, and small-scale processes.



elab essential

Lightweight, small,
essential for your laboratory

Maximize your laboratory efficiency with the eLAB essential bioreactor, a compact solution designed for high-performance.

- Advanced software
- Compact and efficient design
- Precision monitoring
- Integrated peristaltic pumps



Laboratory bioprocess equipment

We respond to the needs of quality, usability and compliance in R&D

elab advanced

An enhanced bioreactor for advanced research, it features scalable design, precise monitoring, and integration capabilities for more complex workflows and high-performance experimentation.

elab essential

A versatile bioreactor designed for researchers, it is ideal for small-scale processes, offering user-friendly operation and precise control to support early-stage development and training in biotechnology.

eLAB Advanced MULTI Module

A modular bioreactor system tailored for flexibility, it supports simultaneous experiments and diverse process configurations, maximizing efficiency in multi-task research environments.



elab
tangential flow filtration
single use

A compact, disposable TFF system offering unparalleled convenience and contamination-free processing, perfect for single-use applications in filtration and separation processes.

elab
tangential flow filtration

The eLAB TFF system ensures efficient filtration, concentration, and diafiltration processes, designed for high performance in laboratory-scale bioprocessing applications.



| Multi use/Single use Vessels | Multi use/Single use Vessels | Cassette: 0.1-0.5 Hollow Fiber: 0.1-0.5 Filter area (m ²) | Cassette: 0.1-0.5 Hollow Fiber: 0.1-0.5 Filter area (m ²) |
|--|--|---|---|
| 198x335x200 Size in mm | 460x817x550 Size in mm | 780x909x532 Size in mm | 780x909x532 Size in mm |
| 5 Weight (kg) | 60 Weight (kg) | 5 to 10 Working Volume (L) | 2 to 20 Working Volume (L) |
| 0,5 · 1 · 2 · 5 Volumes (L) | 1 · 2 · 5 · 10 Volumes (L) | Semi-Automated System | Fully automatic System |
| Aluminium Housing material | Up to 12 Vessel Scalability | Stainless steel Housing material | Stainless steel Housing material |
| Simple can be Incredible eOS Software | eSCADA Advanced eSCADA R&D Software | eSCADA Advanced eSCADA R&D Software | eSCADA Advanced Software |
| 4x fixed speed Peristaltic pumps | 8x variable speed Peristaltic pumps | Variable: 100 Fixed: 90 Pumps speed (rpm) | Variable: 100 Fixed: 90 Pumps speed (rpm) |
| Brushless 250 Motor (W) | Servomotor 400 Motor (W) | 13 Max. Pump Capacity (lpm) | 13 Max. Pump Capacity (lpm) |
| Borosilicate glass PP & PA12 Vessel material | Borosilicate glass Stainless steel Vessel material | Microfiltration / Ultrafiltration Filtration | Microfiltration / Ultrafiltration Filtration |

Global reach, local support

Our global distributor network is ready to provide specialized products and support in your region. Please contact your local distributor to work with TECNIC.

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