

Labfors 3

The third generation



- ▶ Flexibility through Choices
- ▶ Open Frame Gas Mix
- ▶ Labfors Cell
- ▶ Multi-talented
- ▶ Easy Configuration
- ▶ Easy Operation
- ▶ Space Saving
- ▶ Well Connected
- ▶ Growth on demand

A model of flexible design

► Flexibility through choices

Labfors 3 gives the widest possible range of choices for temperature control, vessel sizes, motors, pump configurations and single/multi-fermenter modes of operation.

► Open Frame Gas Mix

Allows for changing needs and the opportunity to have a tailor-made system for gas mixing at each step. Control of gases is achieved by a flexible combination of rotameters, mass flow control valves and magnetic valves.

► Labfors Cell

Made for cultivation of mammalian and insect cells.

► Multi-Talented

Labfors has special versions such as the Labfors Lux for photosynthesis applications and Labfors Cell for cultivation of mammalian and insect cells.

► Easy Configuration

Labfors 3 is able to link with external devices via integral analogue inputs/ outputs plus existing hardware can be re-assigned to other uses without complex re-programming.

► Easy Operation

The X-DDC controller uses tabs and a rotary navigation knob for easy access to all functions. Advanced users can access additional features easily without confusing new users.

► Space Saving

Up to 13 L total volume on the smallest footprint ever.

► Well Connected

External measurement and control systems can be connected via integrated connections.

► Growth on Demand

A single system can be upgraded by the addition of base unit with vessels to make a multi-fermenter with a single operating panel which can be split up, if ever necessary.



Standard Parameters	Additional parameters
<ul style="list-style-type: none"> • Stirrer speed • Temperature • pH • pO2 • Antifoam/level • MassFlow • Feed • GasMix • Vessel from 0,5 to 10L Working volume 	<p>Online use of a wide range of external measurement and control including external pumps</p> <ul style="list-style-type: none"> • 4x Analogue In • 6x Analogue Out • 2x Digital Out <p>Balance regulated control of substrate fed by weight can be carried out via Iris-Process-Control</p>

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