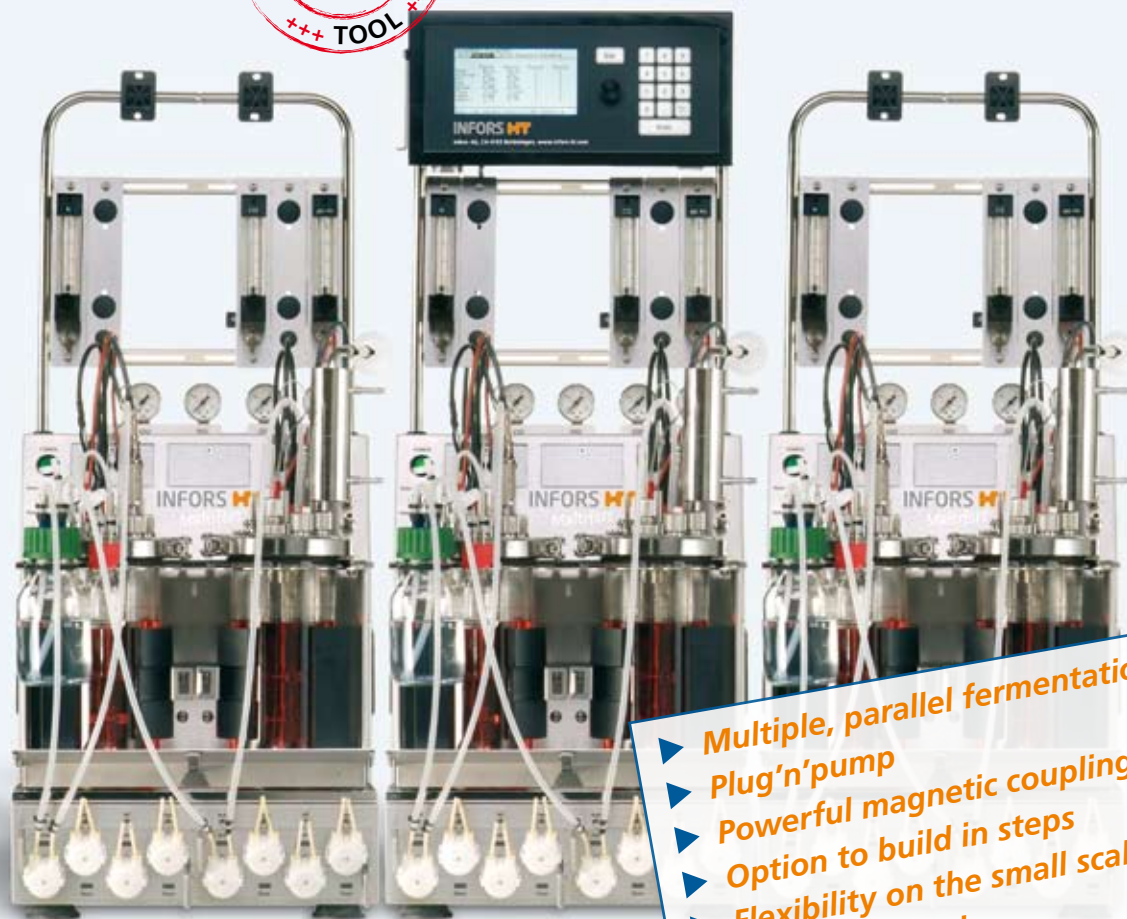


Multifors

Multiple, Mini-fermenter system



- ▶ Multiple, parallel fermentation
- ▶ Plug'n'pump
- ▶ Powerful magnetic coupling
- ▶ Option to build in steps
- ▶ Flexibility on the small scale
- ▶ Easy to maintain
- ▶ Easy to navigate

A new generation for small-scale

▶ Multiple, parallel fermentation

Multifors is designed to „pick winners“ by allowing fermentations of small volumes in multiple vessels at one time for eg strain selection, medium studies or toxicity testing.

▶ Plug'n'pump

Handling the 24 pumps of a six-position system is made easy by using autoclavable, removable pump heads attached to plates for easy setup following sterilisation.

▶ Powerful magnetic coupling

The new 1L bacterial vessel has a very powerful magnetically-coupled motor for performance on a par with larger systems.

▶ Option to build in steps

The Multifors is supplied as standard in „Sixfors“ configuration but can be built up or extended in pairs.

▶ Flexibility on the small scale

Multifors has the same capabilities as its „bigger brother“, the Labfors 3, in terms of open frame gas mixing, analogue inputs/outputs and easy re-configuration.

▶ Easy to maintain

The Multifors is well protected against liquid spillages and designed in a way that upgrading and servicing – if necessary at all are as quick and easy as possible.

▶ Easy to navigate

A rotary scroll knob is used along with a tabbed menu structure to make it easy and quick to find any desired function. A choice of menu options can restrict new users from changing settings in advanced areas of the control firmware.



Standard parameters

- Stirrer speed
- Temperature
- pH
- pO₂
- Antifoam/Level
- MassFlow
- Feed
- GasMix
- + 8 freely configurable channels

Expansion

- Turbidity and biomass measurement
- Exit gas analysis
- Substrate analysis for eg. Glucose or Methanol
- Additional outputs such as analogue pumps and valves

Configuration of vessels available

- Flat-bottom vessels for bacteria, yeast and fungi:
- 2 x 700 ml TV, or
 - 2 x 1400 ml TV
- Multifors Cell with Gas Mix and round-bottom vessels for cells culture
- 2 x 700 ml TV, or
 - 2 x 1000 ml TV

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