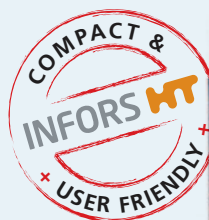




# Techfors-S

The solid basis for your Pilot Fermentation



- ▶ All around access
- ▶ Compact
- ▶ Easy navigation
- ▶ Simple yet Flexible
- ▶ Low volume Specialist



[www.infors-ht.com](http://www.infors-ht.com)

May be subject to technical amendments

INFORS HT

# High-Tech for an entry-level price

## ▶ All around access

Techfors-S has the inlet and exit filters mounted behind the top plate surface for easy access to all parts. Being mobile, Techfors-S can even be swivelled for rapid access to the open-frame components at the rear.

## ▶ Compact

The single column design of Techfors-S makes the unit compact and capable of fitting into almost any laboratory. A steam generator can be integrated into the same footprint, if required.

## ▶ Easy navigation

The Touchscreen ontrroller uses tabs and a colour touch screen display for easy, intuitive navigation. Both new users and advanced operators are catered for.

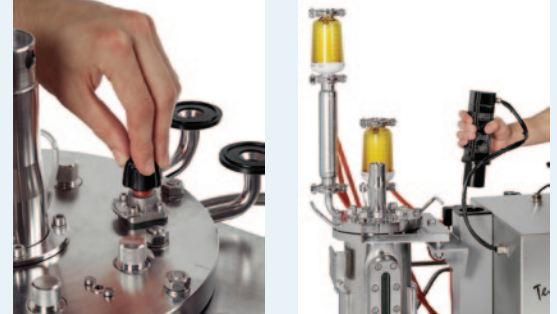
\*The X-DDC operating panel with navigation knob is still available as an option on Techfors and Techfors-S – see separate brochure for details.

## ▶ Simple yet Flexible

Techfors-S was designed to bring in-situ sterilizable systems to people new to this class of fermenter and it achieves this while allowing for expansion, re-configuration and open-frame gas mixing.

## ▶ Low volume Specialist

The jacket of each Techfors-S vessel extends below the sides of the vessel, providing good temperature control even when low volumes are used – vital for modern fed-batch applications.



### Specification

#### Bacterial and Cell Version:

• Vessel size	7,5 L ; 15 L or 30 L TV
• Sterilisation	In Situ
• Temperature	Ambiant/coolant +5 – 70°C
• Vessel types	316L; Double Jacket
• Speed	
Bacterial Version	50–1200 RPM
Cell Version	20–300 RPM
• Vessel Seal	
Bacterial Version	Mechanical seal
Cell Version	Magnetic coupling
• Gassing options	
Bacterial Version	Rotameter (options: mass flow valve and oxygene supplementation)
Cell Version	Rotameter and gas mix (options: mass flow valve)
• Number of pump	3 (option: +1 pump)
• Parameters	°C, RPM, pH, pO <sub>2</sub> , AF, gas flow, level, pressure, weight, feed, analog pump

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