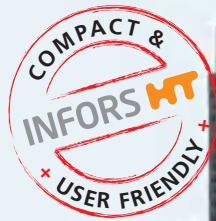




Techfors-S

The solid basis for your Pilot Fermentation



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



High-Tech for an entry-level price

▶ All around access

Being mobile, Techfors-S can 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 controller uses tabs and a colour touch screen display for easy, intuitive navigation. Both new users and advanced operators are catered for.

▶ 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 provides good temperature control even when low volumes are used – vital for modern fed-batch applications.



Specification

Bacterial and Cell Version:

• Vessel size	15 L, 30 L or 42 L TV
• Sterilisation	In Situ
• Temperature	Ambiant/coolant +5 – 70 °C
• Vessel types	316L; Double Jacket
• Speed	
Bacterial Version	20–1200 min ⁻¹
Cell Version	20–300 min ⁻¹
• 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	Temperature, speed, pH, pO ₂ , AF, gas flow, level, pressure, weight, analog pump (e.g. feed)