Techfors-S
The solid basis for your Pilot Fermentation

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

Pilot Bioreactor | Techfors-S

May be subject to technical amendments

www.infors-ht.com
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
- Sterilization: In Situ
- Temperature: Ambient/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 oxygen supplementation)
  - Cell Version: Rotameter and gas mix (options: mass flow valve)
- Number of pump: 3 (option: +1 pump)
- Parameters
  - Temperature, speed, pH, pO₂, AF, gas flow, level, pressure, weight, analog pump (e.g. feed)