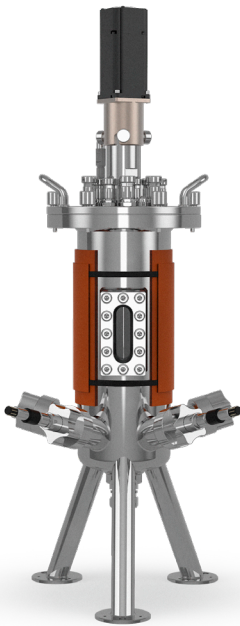


# INOX VESSEL SERIES

Built for performance. Engineered to last.

Discover a versatile range of stainless steel bioreactor vessels designed for demanding research, microbial fermentation and bioprocess development applications.

Manufactured from high-quality AISI 316L stainless steel, the Inox Vessel Series combines robust construction, flexible configurations and seamless integration with BioBook control systems to deliver reliable performance across diverse process requirements.



XLP Series



XMP Series



XVP Series



XHP Series

## Built To Last

Robust stainless steel construction engineered for durability, reliability and long-term performance.

## Flexibility By Design

A versatile range of vessel configurations, temperature-control solutions and operating capabilities.

## Engineered Around You

Customizable components and process connections tailored to your specific application needs.

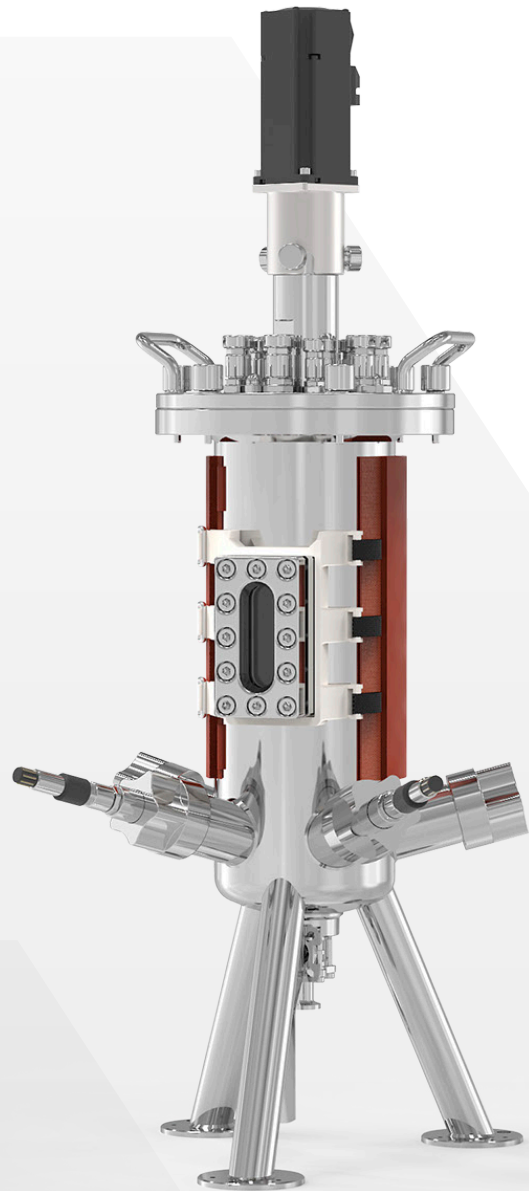
## XLP SERIES

Simple design. Reliable performance.

Designed for laboratory research and process development, the XLP Series combines robust stainless steel construction with practical temperature management.

Featuring a heating mantle and cooling finger, it offers a versatile, autoclavable solution with flexible process connections and compatibility with BioBook control systems.

- AISI 316L stainless steel construction
- Heating mantle and cooling finger
- Autoclavable vessel design
- Compatible headplate fittings and probes



## XMP SERIES

Enhanced control. Greater flexibility.

The XMP Series combines durable stainless steel construction with jacket-based temperature regulation for demanding laboratory applications.

Designed for consistent process operation, it supports both autoclave and Steam-in-Place sterilization while maintaining flexible connections and integration with BioBook control systems.

- Double-wall recirculating jacket
- Fluid-based heating and cooling
- Autoclavable vessel design
- Up to 121 °C operating temperature

## XVP SERIES

Advanced performance. Greater possibilities.

Engineered for demanding bioprocess conditions, the XVP Series combines robust AISI 316L stainless steel construction with advanced pressure and temperature capabilities.

Its jacketed design and flexible configurations support precise process development, sterilization and the transition toward larger-scale bioprocess systems.

- Recirculating temperature-control jacket
- High-temperature process capability
- Autoclave and SIP sterilization
- Configurable process connections



## XHP SERIES

Engineered for demanding conditions.

The XHP Series is designed for advanced bioprocess applications requiring robust construction, high-pressure capability and versatile instrumentation.

Featuring a jacketed stainless steel vessel and Ingold-type sensor connections, it offers a configurable platform for precise process management under demanding operating conditions.

- Designed for high-pressure applications
- Temperature capability up to 135 °C
- Ingold-type sensor connections
- Autoclave and SIP sterilization

# ENGINEERED AROUND YOUR PROCESS

Every bioprocess has unique requirements. From customized vessel connections and agitation systems to advanced instrumentation and sampling solutions, our stainless steel bioreactors can be configured to meet your specific process needs.

- Custom port and sensor configurations
- Application-specific impellers and spargers
- Flexible instrumentation and sampling solutions
- Seamless integration with BioBook controllers



XHP Vessel

Biobook Twin

XLP Vessel

## FIND YOUR INOX VESSEL

The right configuration for every process.

| FEATURE               | XLP                          | XMP                  | XVP                  | XHP                  |
|-----------------------|------------------------------|----------------------|----------------------|----------------------|
| Material              | AISI 316L                    | AISI 316L            | AISI 316L            | AISI 316L            |
| Temperature Control   | Heating mantle + cold finger | Recirculating jacket | Recirculating jacket | Recirculating jacket |
| Available Volumes     | 1–15 L                       | 1–15 L               | 1–15 L               | 1–15 L               |
| Max. Temperature      | 70 °C                        | 121 °C               | 135 °C               | 135 °C               |
| Max. Working Pressure | <1 barg                      | <2 barg              | <3 barg              | <10 barg             |



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