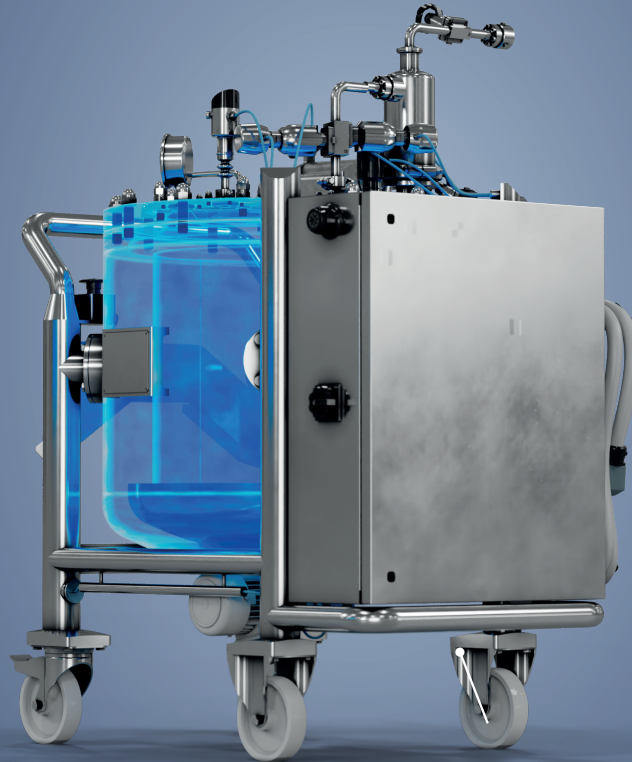


PRODUCT DATASHEET

Mobile Compounding Vessel

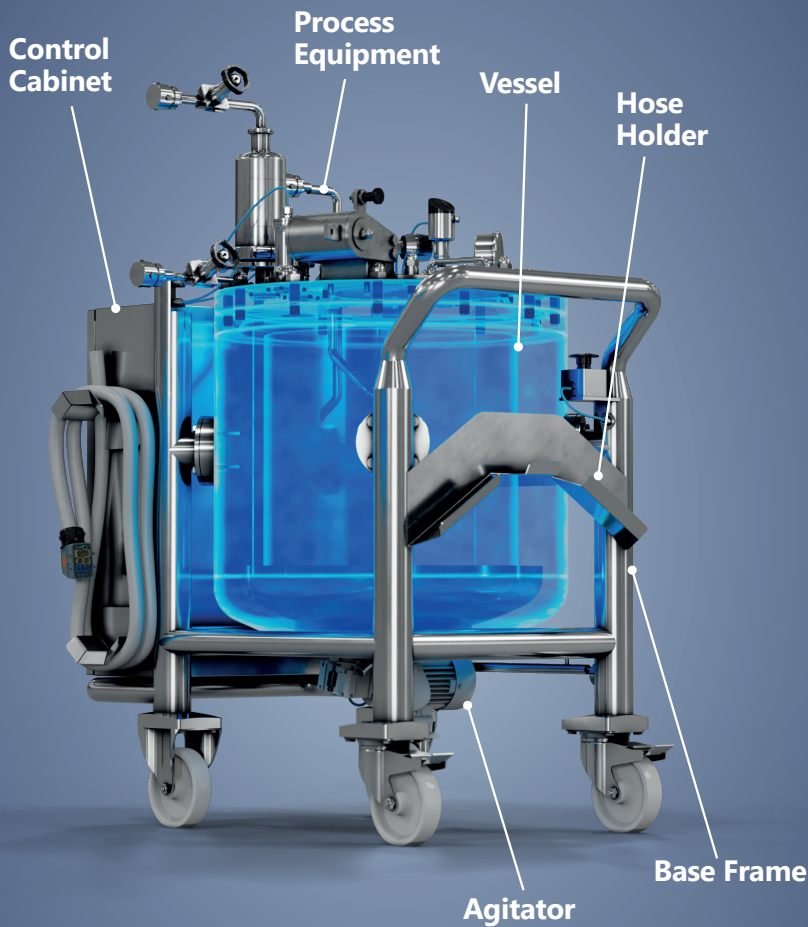
OVERVIEW

The proXima Mobile Compounding Vessel for drug product formulation is a high-performance bioprocessing solution designed for drug product-processing of cell culture-, monoclonal antibodies- and recombinant protein processes in a controlled and scalable environment. This skid offers exceptional reliability, precision, and flexibility, making it ideal for several production processes



TECHNICAL SPECIFICATIONS

- Tank working volume: 100 lit
- Footprint dimensions (W x D x H): 700 mm x 100 mm x 1500 mm
- Weight (empty): 450 – 550 kg
- Material: Stainless steel (product contacted: UNS S31603)
- Magnetic agitator: 0,25kW / 50-490rpm
- pH range: 2.0 to 12.0
- Design Temperature: 0°C to 150°C
- Design pressure: -1 to +6 bar(g)
- Product inlets/outlets: Connection ports to filling system and media supply
- Hand hole D=350mm for powdery product addition, with Spring opening aid
- Sight glass with a light for observing the process
- Filtration of the exhaust air
- Media connections: CIP, NaOH, WFI/PW
- Measurements: TI, PI-Digital, PI-Visual, LI, monitoring of the valves
- Gas inlets & outlets: Compressed Air, Exhaust Air, Nitrogen
- Compliance: GMP and FDA compliant
- Electrical switch cabinet and PLC components on the frame
- Leak-free quick-release couplings
- Design and calculation for pressure equipment DGR 2014/68/EU: Kat. III - Module H



APPLICATIONS

- Mammalian cell culture
- Monoclonal antibody production
- Vaccine production
- Gene therapy
- Cell therapy
- Biopharmaceutical production

BENEFITS

- Enhanced productivity: High cell viability and productivity rates.
- Cost-effective: Reduced operational costs through efficient resource utilization.
- Flexibility: Adaptable to various cell culture processes and applications.
- Ease of use: User-friendly interface and easy maintenance.

KEY FEATURES

- Very small footprint and outer dimensions
- Easy handling
- Plug and play (connectable to Automation system with one plug)
- Excellent Hygienic Design: e-polished product contacted surfaces $Ra < 0,6\mu m$; Absolute minimum distance and dead leg design;
- Scalable: Modular design allows for easy scalability from pilot to production scale.
- Robust Construction: Highest quality stainless steel (UNS S31603), components and construction ensures long-term reliability and performance.
- Versatile: Useable for several different applications
- Advanced Control System: State-of-the-art automation and control systems for precise monitoring and regulation of chromatography conditions



CONTACT INFORMATION

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