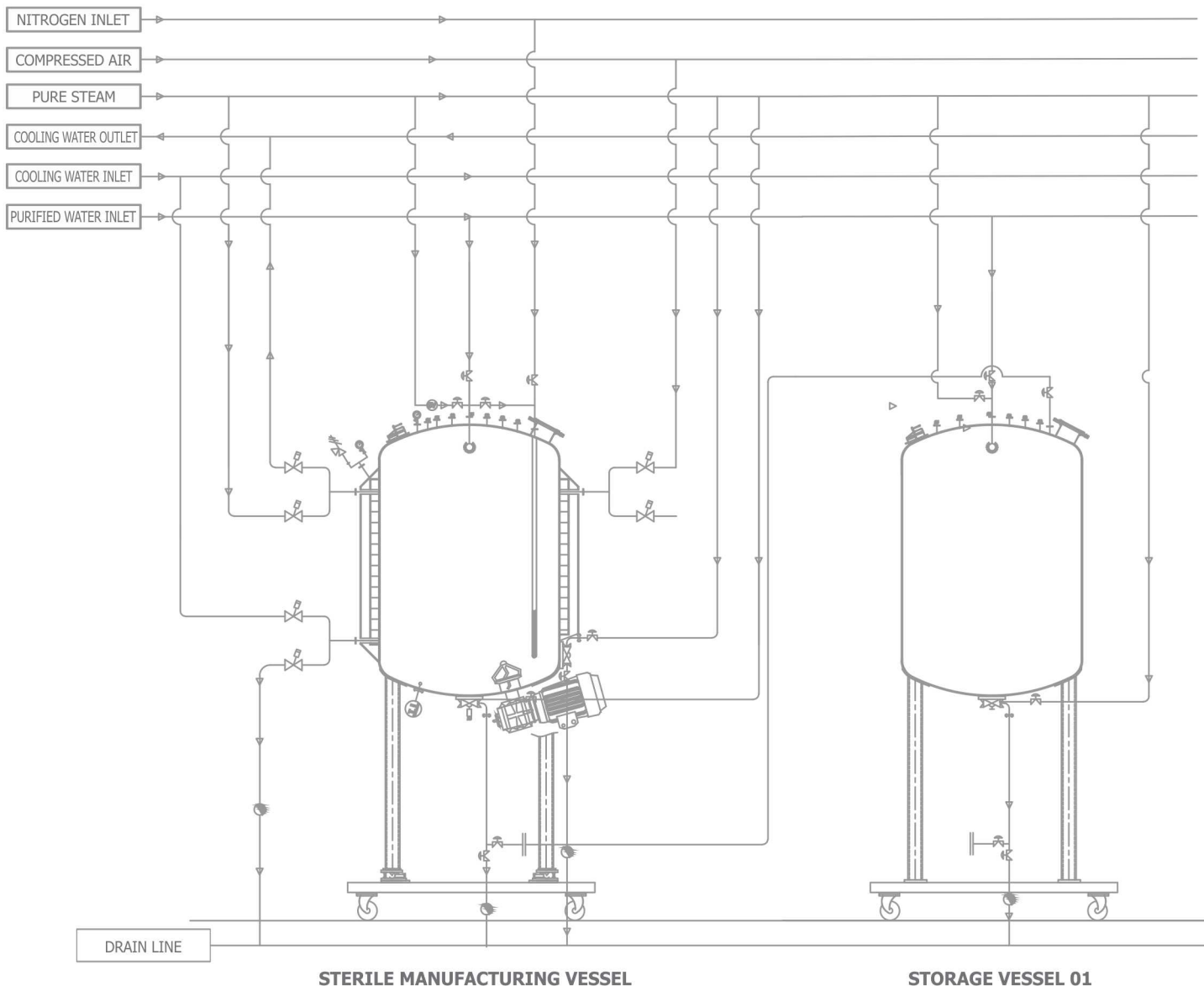


# STERIPROSERVE

## BIOCEUTICAL PROCESSING VESSELS



S.K.'s Biotechnology & Pharmaceutical specialists have years of experience solving problems related to liquid processes. Highly polished finishes on parts and attention to validation paperwork is given to satisfy all necessary industry requirements.

From the largest national biotechnology companies to the smallest pharmaceutical gel cap manufacturers for vitamins, customers have relied on S.K. for their essential plant and process requirements.



### Recommended for:

Sterile Solution  
I V Fluids  
Vaccines  
Serums

Large Volume Parentrals  
Small Volume Parentrals  
Oncology Products

# Specifications



## Key Features :

- Zero dead leg aseptic design of bottom outlet valve
- Calibrated full view glass for the blending vessel
- CIP and SIP style design of vessel, fittings and piping
- Volume monitoring by load cells
- Process Automation
- Steri connection and flanges to avoid product contamination
- Inbuilt CIP –SIP Provided

## Blending vessels

- *Agitator* : Bottom driven agitator with double mechanical seal & thermosyphon , axial type , rpm variable speed.
- *Functionally* : Cleaning in place, Sterilization in place, Fermentation process with temperature control, pH control, DO control

## Air Supply system

- *Jacket* : Pressure gauge, Safety Valve, Vent, Chilled water supply & return, Drain, Circulation pump with heat exchangers for fine temperature control.

## Accessories :

- Spray ball, pressure gauge , foam sensor, PH sensor, Temperature sensor, vent Line, Bottom outlet port, safety relief
- Valve, Acid / Alkali / inoculam / feed addition lines with sterile four way valve, peristaltic pump, media filter (NFF type),
- Incinerator after exhaust filter.
- *Working* : Fully Automatic.



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