

# Jet CIP valve

Clean down to the last detail.

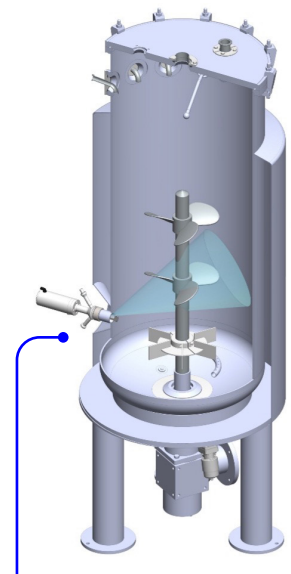


## The solution for difficult-to-clean areas

The Jet CIP valve takes cleanliness to a whole new level. Developed for reactors with complex internals, it covers areas unreachable by regular spray balls. A precise spray angle makes sure the internals get cleaned properly and evenly. This ensures cleaning according to cGMP, even in challenging conditions.

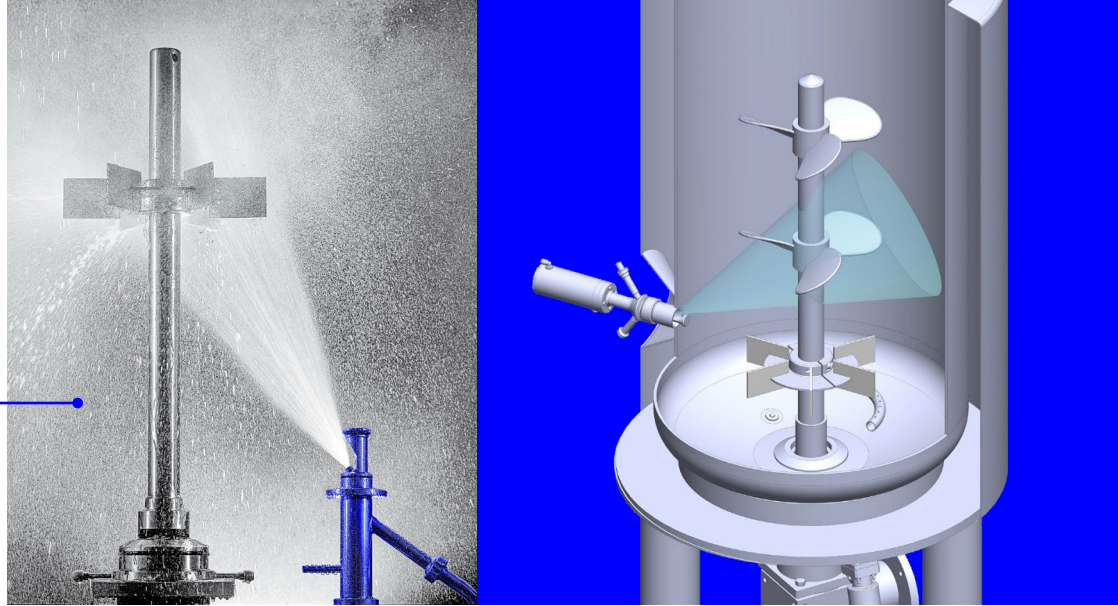
During cultivation, the nozzle is retracted and sealed against the vessel. It extends automatically for the cleaning process. This makes the Jet CIP valve not only safe and hygienic, but also ideally suited for integration into automated CIP processes. Whether in biotechnology, pharmaceutical, or food production, the Jet CIP valve offers a combination of maximum process reliability, high flexibility, and excellent cleaning performance.

- Thorough cleaning
- Flexible adaptation to any cleaning task
- Fully automatable
- Hygiene according to cGMP
- Highest process reliability



Optimally side-mounted for thorough cleaning.

Available with different spray angles and spray shapes (fan-shaped or cone-shaped).



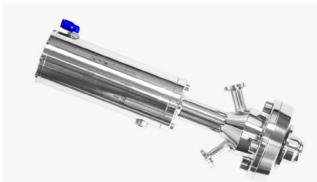
Available connection types:



DN25 nozzle (Ingold)



DN50 flange



DN25/50 Tri-Clamp

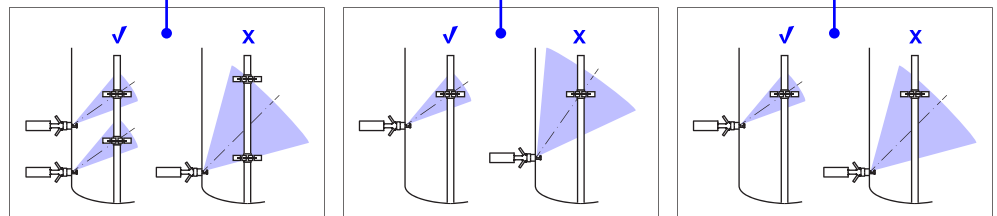
## Technical Data

- Valve connections: inlet and outlet for CIP/steam and control air
- Position sensor (optional): Feedback to PLC/fieldbus systems possible
- Operating temperature: up to 150° C
- Operating pressure: max. 5 barg
- Control pressure (control air): 4–6 barg, suitable for pneumatic hoses  $\varnothing 6 \times 1$  mm
- Spraying technology: Selectable spray angle, fan-shaped or cone-shaped
- Standard materials in contact with the product: 316L stainless steel, EPDM seals
- Surface roughness: Ra 0.5  $\mu$ m, electropolished
- Suitable connectors and flanges are available for each connection type

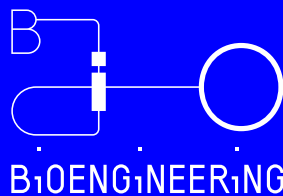
## Field of application

- DN25: for reactor diameters of 200–800 mm
- DN50: for reactor diameters of 700–2300 mm

Installation recommendations for achieving optimal cleaning results.



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