

We are '*Professionals in Process/ Product Technologies*' with following expertise-

- **Conceptualization and Engineering of Projects**
- **Module and skid building**
- **Custom-built solutions**
- **Innovative hygiene Products for Pharma/ Dairy Industry**
- **Expertise in Pharma, Food, Natural resource based projects**
- **Business partners of world class products from Europe and USA**

Our Offerings-

- **Bio-Reactors And Fermenters**
- **Bio - Waste Decontamination Systems / Sterilization Systems / Inactivation Systems**
- **PWDS, WFIDS, CSDS Systems**
- **CIP Plants**
- **Pharmaceutical Machinery and Bio-pharma Custom Built Modules**
- **Mixing And Blending Vessels**
- **Dairy/Starch Projects**
- **Drying And Evaporation Projects**
- **Biorefineries**
- **Piping Engineering**
- **Plug-in Temperature / Brix / pH / Pressure/ Flow Control Modules**
- **Electrical And Automation Engineering**
- **Flow Control Equipment**
- **All Types Of Valves And Valve Automation**

KRONETECH - Sterile Sampling Valve

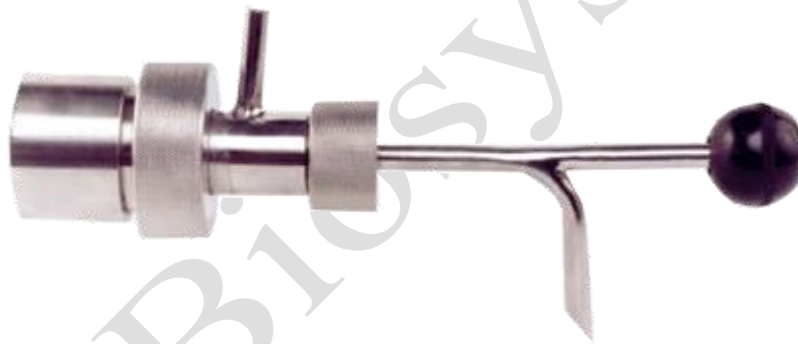


Application

KRONETECH is the ideal device for sampling from tanks and pipeline under sterile conditions for physico-chemical or microbiological analysis.

Benefits

- Sterilizable in place with alcohol or steam
- 'O'ring sealing directly against product
- Representative sampling, giving repeatable results
- Dual purpose, bulk and micro samples (special version)
- User friendly



Technical Specifications

Valve Body:	Stainless steel AISI 316 L (welding parts with material certificate)
Sealing:	Silicone EPDM on request
Product pressure:	Max. 4bar (65 PSI) as standard 6 bar is available on request.
Max. operating temperature	150°C
Max. operating pressure	6bar

The Valve body is available in following executions:

Type 'F' for direct welding into tanks / flange

Type 'P' for direct welding into pipe / fermenter

The manually actuated KRONETECH - Sterile Sampling Valve is steam sterilizable and designed to suit hygiene norms.

Mounting

Mounting should be done on tanks and pipe work, normally horizontally, with one outlet in upward position and one in downward. If the valve is mounted in any other position it should be ensured that complete drainage is possible from one of the outlets.

Operation

Sampling should only be made from Kronetech - Sterile Sampling Valve. Before opening the valve, closing cap should be placed on sample piece. Thereafter handle should be moved in horizontal position until required flow through lower outlet is obtained. After sampling, handle should be left. It automatically closes. The handle cannot be removed.

Cleaning / Sterilization

After sampling the valve should be flushed with water or alcohol. Sterilization is to be done by alcohol or steam. When not in use, the valve may be sealed with alcohol by leaving the clip-on closing cap on the lower outlet and filling with alcohol.

After aseptic sampling, the channel is to be rinsed with alcohol. By Cleaning-in-place with vessel or pipeline cleaning by interval flipping of valve, optimal cleaning of valve seat is obtained.

FOR MORE DETAILS CONTACT

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