

# Aseptic Sampling & Bleed Valve Technologies

### Take "Live" Sterile Samples

- Zero Dead Leg No "Hold Up" or Entrapment
- Transfer Panel and Low Point Drain Valve
- All USP Class VI Materials with Full Documentation
- 15Ra Electropolished ID Surfaces







Visit us at www.sentinelprocess.com or Call 800.345.FLOW Today!



## Aseptic Sampling & Bleed Valve Products

#### Spool Piece Sample & Bleed Valve

- Zero Dead Leg Design
- Full Flow Pipe Line Sampling
- Low Point Drain
- Transfer Panel Bleed Valve
- SIP and CIP Compatible

#### Tri-Clamp Sample & Bleed Valve

- 1/2"- 4" Tri-Clamp Process Connections
- Fractional Hose Barb and Tri-Clamp Outlet Connections
- Eccentric or Concentric Valve Positions
- Angled or Straight Outlet Positions

#### **Keofitt Sterile Sampling Valves**

- Aseptic "Live" Samples
- Steam in Place Sterilization
- Tank Wall Sampling Zero Dead Legs
- Sanitary Clamp and Ingold Connections Available

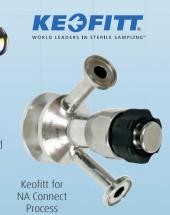
#### **Gemu Sterile Sample Collection Devices**

- Zero Hold Up Block Valve Assemblies
- ZDL Tee Sample Bottle Assemblies
- Single Use, Plastic or Glass Containers
- Autoclavable and SIP Sterilization
- Custom Designs Available









Connection







Gemu ZDL Block Body Sample Bottle



Gemu ZDL T-Style Sample Bottle



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