

GEMÜ®

GEMÜ SUMONDO®

Single-Use Diaphragm Valves

Areas of application

GEMÜ SUMONDO®

Single-Use Diaphragm Valve

- Pharmaceutical, biotechnology and cosmetics industries
- Medical systems

Advantages

- Proven, reliable actuator design (remains in the plant)
- Mechanically stable and gamma-sterilizable valve body material
- Hermetic sealing between valve body and actuator
- Manual and controllable pneumatic design available
- Validation Guide optionally available



www.gemu-group.com

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GEMÜ SUMONDO® Single-Use Diaphragm Valve

● Valve design

The GEMÜ single-use valve body boasts an internally welded diaphragm.

The single-use diaphragm valve body is fastened using a clamp. The valve body and the actuator are locked using a defined closing and opening procedure.

After a single use, the valve body with its diaphragm is removed from the actuator and disposed of. The actuator can be used multiple times and remains in the plant.

● Technical data

- **Nominal sizes:**
3/8" to 1"
- **Connections:**
Hose barbs, clamp connections
- **Body types:**
Straight through body, T body, angle valve body (right)
- **Body material:**
Natural PP-R
- **Diaphragm material:**
TPE
- **Media temperature:**
5 to 40 °C
- **Operating pressure:**
Max. 4 bar

● Applications

- Media mixing
- Fermentation
- Cell harvesting
- Purification
- Filtration
- Filling

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Robust

Mechanically stable, gamma-sterilizable

Flexible

Various nominal sizes and connections available

Safe

Hermetic sealing thanks to an internally welded diaphragm

Optimal

Cross contamination can be prevented