



### Characteristics:

- **50 l jacketed reactor**
  - jacketed vessel made of borosilicate glass 3.3, with dead space free bottom outlet and completely emptied, operating conditions: -1 / 0,5 bar und -60 / 200°C
  - agitator, ATEX compliant and suitable for clean room applications, rotational speed adjustment via frequency converter, 0,75 KW, 0 – 300 1/min, pharmaceutical and oil dry running multiple lip seal with negligible abrasion, enamelled impeller
  - bottom drain valve, manual operation via flexible operation extension, completely emptied, with Tri Clamp adapter
- flange connections made of stainless steel for clean room applications
- product connections, Tri Clamp DN 25, PTFE with FDA material certification, for fast and pharmaceutically compliant connection
- stainless steel welded frame, electropolished and mobile, shock-proof, cleanroom suitable

### Guidelines:

- machinery directive / CE conformity
- pressure equipment directive 2014/68 EU
- ATEX 2014/34 EU, EX-Zone 1/2, IIB, T3 EX
- TA-Luft certificates - cleanroom class D
- riboflavintest with minimal cleaning medium and cycles

### Highlights:

- 1** GMP and cleanroom-compatible version, validated through riboflavin-test
- 2** Tri Clamp adapter is simple and quick to connect
- 3** execution agitator with pharmaceutical and cleanroom conform design of housing, seal and stirrer