

2 x 25 l reaction unit for EX- and GMP-application



Characteristics:

- 2 x 25 l reaction unit with
 - jacketed, graduated vessel
 - Isolation with sight window and quick release
 - Impeller stirrer with small remaining unstirred volume
 - dead-space minimized, manual bottom outlet valve, borosilicate glass 3.3 / PTFE
 - compact design for small room heights
- Integrated CIP-/cleaning-system
- Feed vessels and distillate vessels, graduated, made of borosilicate glass 3.3
- Agitator system in ATEX-conformity including
 - Impeller stirrer
 - double mechanical seal with thermosiphon, FDA-conform white oil
 - manual adjustable speed range 0-700 U/min
- Solid dosing via hand hole DN 80
- Space-saving condenser system and cooling traps, borosilicate glass 3.3
- Bursting disc system for complete unit
- Vacuum system and Heating/cooling cycle, adjusted to process specifications
- Piping and instrumentation, for example temperature-, pressure- and pH-sensors
- Process automation and visualisation in S 7
- Stainless steel rack and connections, all polished
- Regulations and guidelines
 - EU machine directive / CE-conformity
 - Pressure equipment directive 97/23 EG
 - ATEX
 - TA-Luft conformity for connections and valves
 - FDA-material certificate