

## 80 l glass-lined steel GMP-reactor with distillation top



### Charakteristik:

- 80 l glass-lined steel GMP-reactor with distillation top
  - including insulation, ground and completely welded
  - dead-space minimized bottom outlet
  - compact and sanitary design
- Dead-space minimised, manual bottom outlet valve, borosilicate glass 3.3 / PTFE, very short, completely draining and TA-Luft-conformity / highest sealing efficiency
- Sight glass made of borosilicate glass 3.3 with clamp quick release
- 15 l dosage vessel, graduated, made of borosilicate glass 3.3 for -1/+3 barg, splinter protection coating and perforated stainless steel sheet
- EX-protected agitator & drive according ATEX rules with
  - glass-lined steel Impeller stirrer, very light and easy to handle design
  - double mechanical seal with thermosiphon, FDA-conformity for white oil
  - manual adjustable drive from 0 to 700 rpm
- Solid dosing station via a special lock (not shown on the picture)
- Lighting of the reactor, ATEX-conformity
- Temperature sensor, glass-lined
- 1,5 m<sup>2</sup> spiral condenser, borosilicate glass 3.3, with improved stability
- Guide lines
  - pressure equipment directive, PED 97/23 EG
  - ATEX, EX-Zone 0/1, temperature class T4, explosion group IIB
  - TA-Luft conformity for all connections and valves
  - FDA-material certificate