

## 0.3 m<sup>2</sup> falling film evaporator with forced circulation



### Characteristics:

- DN 80 evaporation tube with
  - separate tempering jacket
  - internal swan neck with liquid distribution, **NORMAG** system
- sump product with **NORMAG** glass/PTFE pump for forced circulation
  - min. Hold up 300 - 450 ml
  - circulation speed  $\leq 2$  l/min
  - lateral DN 80 vapour nozzles
- separate tempering of sump and evaporation tube, tempering range: +20 / 180 °C
- conveyance of FEED and sump product via geared pumps, conveyor performance and materials as required
- electromagnetic reflux separator with control
- coiled intensive cooler 0.3 m<sup>2</sup>
- vacuum distribution rake with **NORMAG** DN6 spindle valves
- vacuum pump, chemical-resistant design
- measuring technology and data collection for pressure and temperatures
- stainless-steel frame with shelves and powder-coated connectors
- materials used: 3.3 borosilicate glass, PTFE, stainless steel, on request also completely metal-free in the product space
- directives
  - pressure equipment directive 97/23 EC
  - TA-Luft (German technical instructions on air quality control) compliant connections and controls
  - FDA certificates