
Falling film evaporator for batches up to 500 l



Characteristics:

- batch-by-batch evaporation system with controls and data recording for sensitive solutions and those prone to decomposition and fouling, up to 500 l
- product-contact parts made entirely of stainless steel, 3.3 borosilicate glass and PTFE
- 500 l batch volume
- falling film evaporator for gentle and even evaporation, 3 m², with hood and sump distributor of glass for visual checks of distribution and possible contamination
- sampling system for checking required product specification
- horizontal hairpin condenser, 3.3 borosilicate glass / stainless steel, retractable
- vacuum system for setting a defined operating vacuum and boiling or product temperature
- thermostat for heating and evaporation at a defined product- and heating medium temperature
- system control using an in-situ touch panel via SIEMENS S7 controls and Profibus data transfer and evaluation based on the SCADA system
- directives
 - CE compliance / machinery directive
 - pressure equipment directive 97/23 EC
 - FDA material certificates
 - TA-Luft certificates