



The utmost Rotary evaporator Solution For industrial Applications

- Total safety
- Auto - test procedure
- Compact design
- Cycles programming



5000
STRIKE

GENERAL DESCRIPTION

STRIKE 5000 is a large - capacity rotary evaporator designed to solve any problem concerning applications. The unit is suitable for fast and gentle solvent solvent distillations under vacuum or atmosphere conditions . The rotation of the evaporation flask (50 or 100 liters capacity) in the thermostatic bath results in a forced convection and homogenous distribution of the product, thus preventing sedimentation. Moreover, it increases the by using STRIKE 5000 the results of laboratory process can be transferred to actual evaporating exchange surface.

Plant production or large-scale test so as to avoid costly and errors. By adding model STRIKE 5000 to models STRIKE 101 , 201 and 201 PC (suitable for laboratory process) Steroglass s.r.l. Completes it's own . Rotary evaporator line .

Several important advantages make STRIKE 5000 a new generation of large - capacity rotary evaporator :

EASY OPERATIONS

All significant process parameters such as the bath and vapor temperatures the evaporation flask rotation speed and the vacuum can be read off directly on the front - panel display. The control unit allows an easy setup of the temperature set point and the rotation speed. Moreover, it also allows the operator to program and store in memory up to five working cycles in order to provide maximum flexibility. This feature is in full compliance with GLP / GMP directives .

TOTAL SAFETY

Several safety devices and procedure are included in STRIKE 5000 , thus setting new standards in safety design. All glass parts are protected by a compact designed shielding structure. The thermostatic bath is covered by a transparent shield providing the operator with utmost protection from glass breaking or spray. The thermostatic bath and the protective shield are lifted by means of a hydraulic system. An automatic system lowers the thermostatic bath when a power cut - off occurs, thus preventing any overheating, and the thermostatic bath has an intrinsic over temperature protection. At power on, an auto - test procedure is carried out in order to check the system status (e.g, protective shield lifted or solenoid valves malfunctions). If the auto - test fails any subsequent operation is inhibited and a warning inhibited and a warning signal appears .

5000
STRIKE

RELIABLE AND DURABLE MATERIALS

All STRIKE 5000 parts in contact with process vapor are manufactured in borosilicate glass (ISO 3585) or PTFE, thus providing the maximum resistance to aggressive solvents. The sealing system guarantees perfect Vacuum tightness and maintenance - free operation. Tubing can be fitted or removed with no risk of glass breakage.

APPLICATIONS

The wide range of glass assemblies available for STRIKE 5000 allows a number of different applications such as :

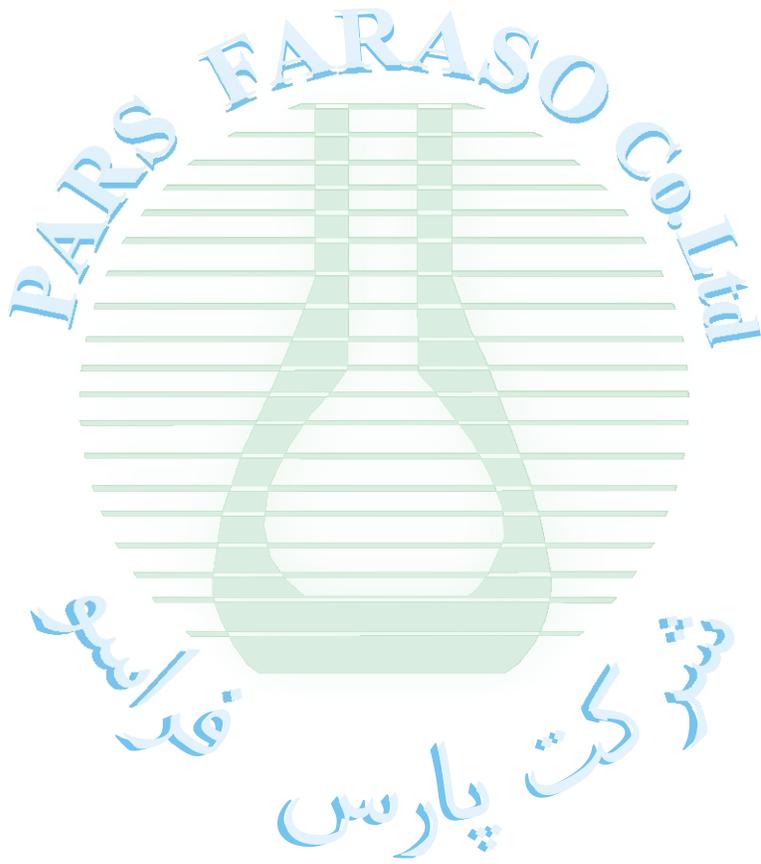
- Solvent evaporation and concentration
- Solvent recycling
- Fine chemical synthesis and component purification
- Component drying
- Reflux process reactions
- Recrystallization

STRIKE 5000 can be used in several industrial fields such as :

- Petrochemistry
- Pharmaceuticals
- Cosmetics
- Herb extraction
- Food
- Research and development



5000
STRIKE



STEROGLASS s.r.l.-Via Romano di Sopra, 2/C
06079-S.Martino in Campo - PG - Italia
Tel. 075-609091 - Fax 075-6090950
Internet: www.steroglass.it - E-mail: [info @ steroglass.it](mailto:info@steroglass.it)

