

Rotary Evaporator Strike 280



New entry level for Rotary evaporator, new standard for safety, efficiency and easy of use. offering excellent separation, concentration and purification solution. Strike 280 are equipped with timer function, program control, automated lift. More safety features are: over temperature setting and protection, automated lift out in case of power outage, real-time monitoring of steam and cooling water temperature.

- > Multifunction touch-screen
- > Maintenance-free vacuum and solvent sealing
- > Powered glassware lifting equipment as standard
- > Removable safety shield
- > Removable thermostatic bath
- > Easy to use
- > Compact design



Design

Compact and modern. All controls are placed on the central column to guarantee user-friendly and handy use.



Electric lifting device

Compact and modern. All controls are placed on the central column to guarantee user-friendly and handy use.



Sealing system

The exclusive STEROGLOSS sealing system allows a perfect vacuum-tight anti-corrosion seal without gaskets or other materials that can be damaged by solvent contact. This sealing system is a standard feature in all strike models and can be used with all types of glassware.



Rotary evaporator innovations

The following are the technical innovations applied to the construction of the STRIKE 300 Rotary Evaporator making it a fast, working, efficient, safe and maintenance free.



Control panel

Easy to operate using the state-of-the-art turn & push controller and 4.3" touch screen, widely and easy to read.



Integrated vacuum controller

The optional vacuum controller is managed by the touch screen display that comes as standard.



Flask assembly

System used to assemble the evaporation flask. The evaporation flask is screwed onto the steam passing pipe to ensure easy assembly and dismanting operations as well as a perfect seal. (You may also use conventional unthreaded cone flasks and spring-clamps to mount the flasks).



Safety shield

The shield is standard for all models. It can be removed by the operator and fitted beside the instrument.

Specifications

Technical data	STRIKE 280
Models	Models available with slanting glassware, vertical glassware (steam sinking and steam rising type)
Glassware	Standard or plastic-coated glassware
Rotation speed	20 to 300 rpm (DC motor)
Screen	4.3" monochromatic LCD touch screen
sealing	Maintenance-free PTFE and carbon graphite seals
Connection	Rodaviss evaporation flask connection system
Bath temperature	185°C (2 possible settings: water and oil)
Bath heater	1400W
Bath capacity	5 liters
Bath material	PTFE coated
Bath movement distance	90mm
Draining	Removable bath for emptying
Stroke displacement	13cm, adjusted, and can be stop at any position
Head angle adjustable	0~15°
Cooling surface	1500cm ²
Evaporating flasks	1000ml (optional 50 to 3000ml)
Collecting flasks	1000ml (optional 250 to 2000ml)
Weight	26,5 Kg (vertical version), 26 Kg (slanting version)
Overall dimensions	690x700x430mm (vertical version, H x D x L) 690x790x430mm (slanting version, H x D x L)
Voltage	230 V AC, 50Hz
Options	Steam temperature probe, Cooling water temperature probe, vacuum pump and controller, Chiller...
protective shield	Glassware lifting made possible with or without protective shield
Other features	Powered glassware lifting equipment with safety release (in case of power failure) Quick Start/Stop control and parameter selector

Models of STRIKE 280



STRIKE 280 M1 / M4
Slanting glassware



STRIKE 280 M2 / M5
Vertical glassware (Steam sinking type)



STRIKE 280 M3 / M6
Vertical glassware (Steam rising type)

Configurations in standard glassware

Order Number	Model	Type	Voltage	Version
SQED058113	Rot. Evap. STRIKE 280 M1	Slanting glassware	220V	O
SQED058112	Rot. Evap. STRIKE 280 M2	Vertical glassware (Steam sinking type)	220V	V
SQED058111	Rot. Evap. STRIKE 280 M3	Vertical glassware (Steam rising type)	220V	U

Configurations in plastic coated safety glassware

Order Number	Model	Type	Voltage	Version
SQED058419	Rot. Evap. STRIKE 280 M4	Slanting glassware	220V	O/P
SQED058418	Rot. Evap. STRIKE 280 M5	Vertical glassware (Steam sinking type)	220V	V/P
SQED058417	Rot. Evap. STRIKE 280 M6	Vertical glassware (Steam rising type)	220V	U/P
SQED058420	Rot. Evap. STRIKE 280 M7	Dry ice condensation type	220V	C

NOTE: Other glassware versions are available upon specific request

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