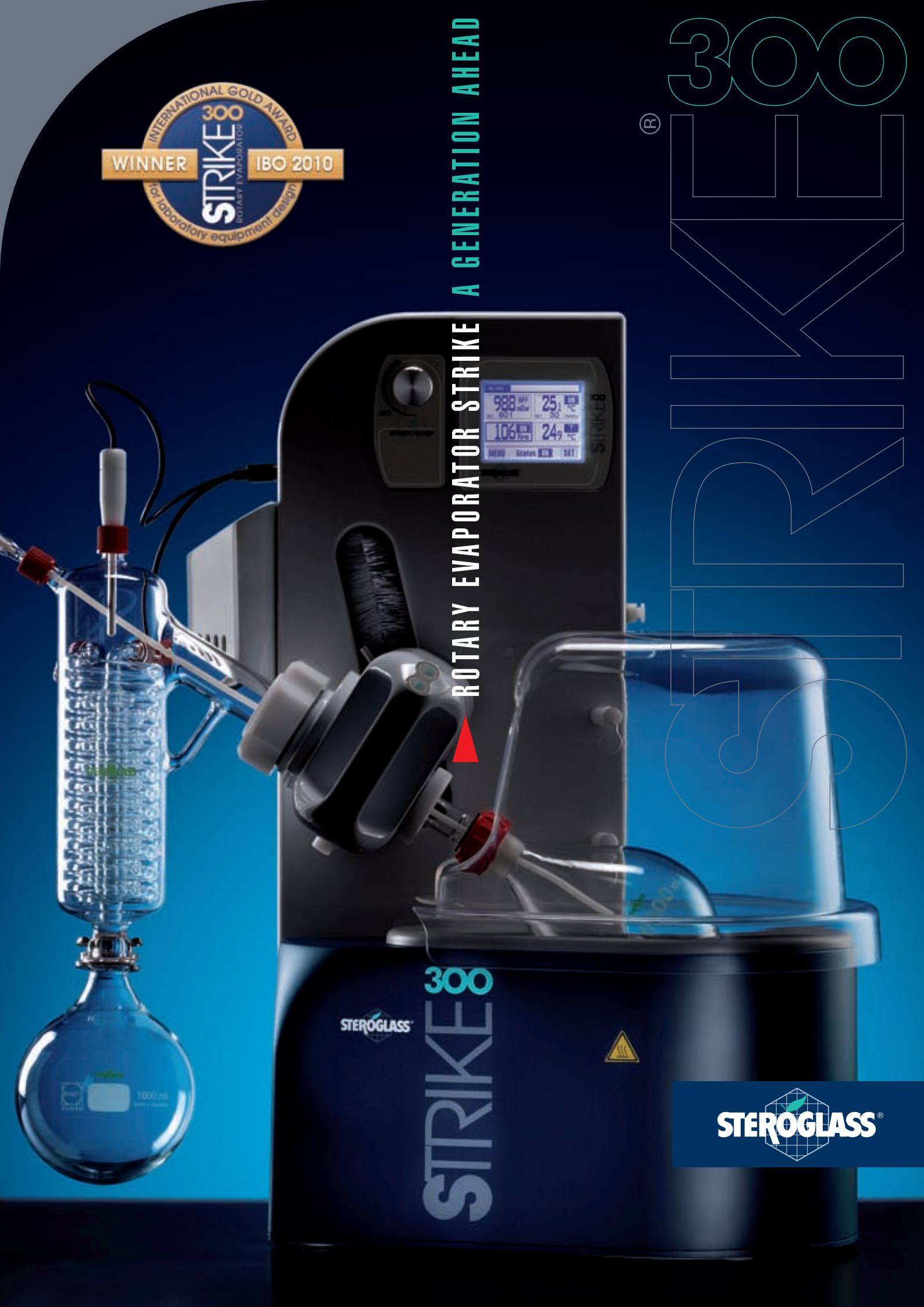
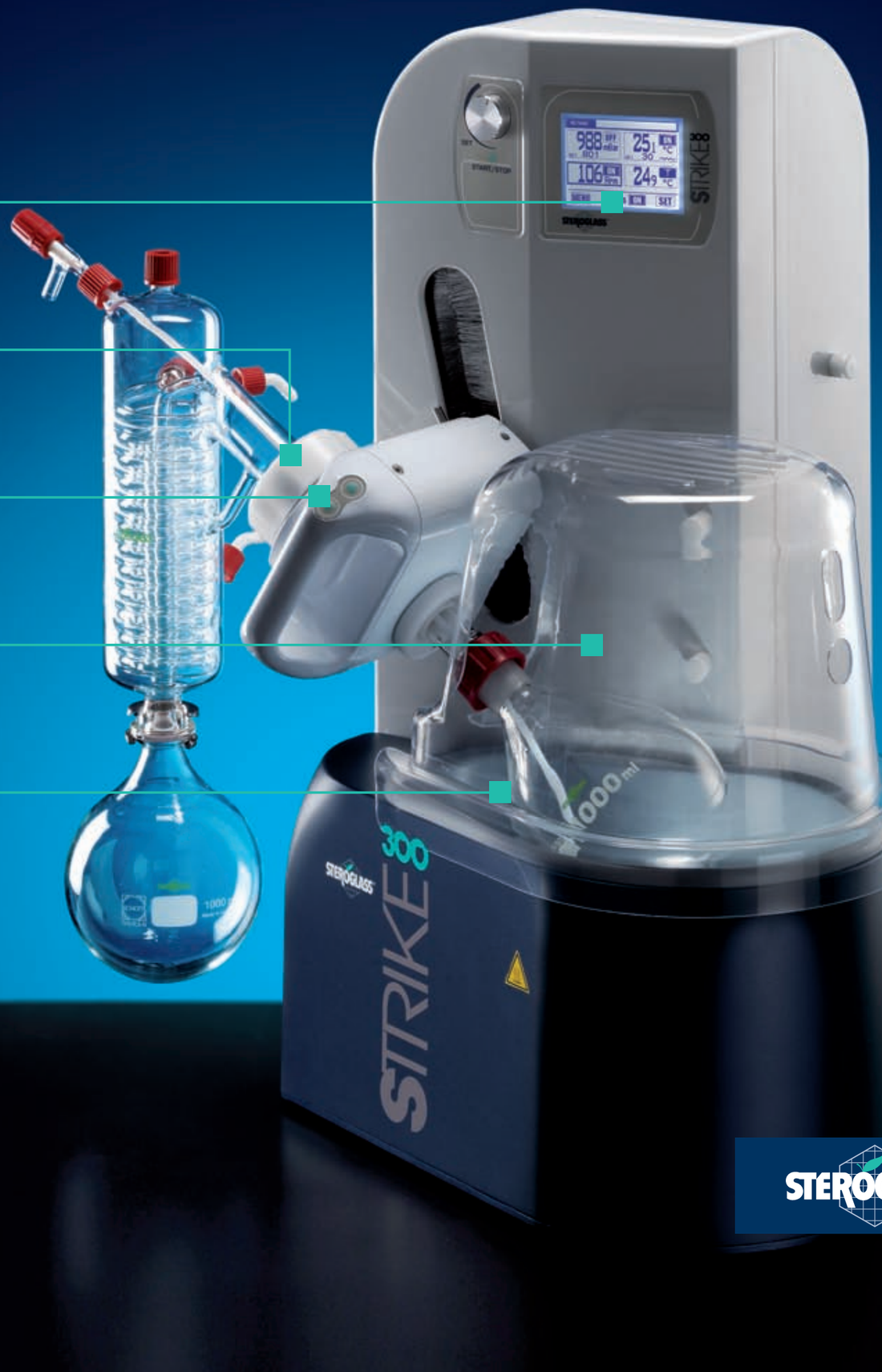

INTERNATIONAL GOLD AWARD
WINNER
IBO 2010
STRIKE 300
ROTARY EVAPORATOR
for laboratory equipment design
A GENERATION AHEAD
ROTARY EVAPORATOR STRIKE 300
STRIKE 300
STEROGLASS
STRIKE 300
STEROGLASS®

STRIKE 300

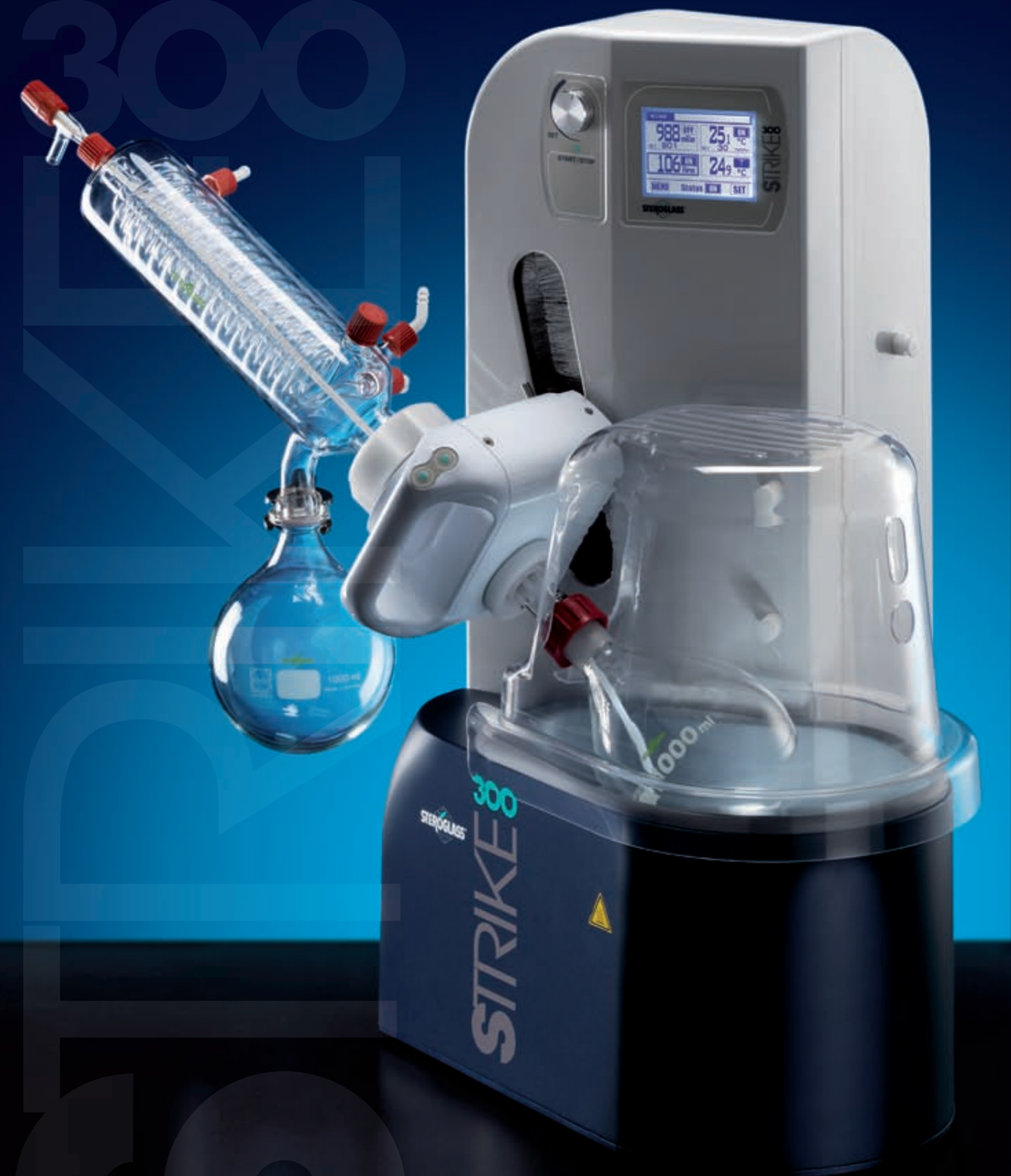
- Multifunction touch-screen
- Maintenance-free vacuum and solvent sealing
- Powered glassware lifting equipment as standard
- Removable safety shield
- Removable thermostatic bath
- Easy to use
- Compact design

SAFETY ROTARY EVAPORATOR



SAFETY ROTARY EVAPORATOR

STEROGLASS®



A PHILOSOPHY OF SAFETY

A PHILOSOPHY OF SAFETY

The rotary evaporator STRIKE 300 combines excellent operating characteristics and high performance levels, all in an ergonomic design. STRIKE 300 has been projected in complete respect of safety needs and in compliance with the existing directive regarding equipment construction and electromagnetic compatibility.

EVAPORATE LABORATORY SOLVENTS IN MAXIMUM SAFETY

Health and safety at the workplace are undoubtedly one of the foundations of international social policies. Several official documents regulate the objective of progressive improvement at workplace well-being. This law focuses on accident and disease prevention by limiting the use of dangerous substances (when possible) or by minimizing contact at the workplace and with workers. A common aim of the numerous publications is to define good practice, make it known and then develop it to the point where working conditions favour greater worker safety and health. To instill a culture of prevention and to change attitudes, it is necessary to improve understanding of risk for the people directly involved, through education, by making them aware as well as and helping them anticipate new risks. It is also essential to integrate health and workplace safety into company management and in other activities that lead to a systematic approach to workplace well-being, thus adapting to all the changes that normally take place. The risk prevention attitude must be consolidated by demonstrating that effective workplace safety and health policies are a strategic factor in market competition and that, in contrast, absence of these policies brings added costs.

A PHILOSOPHY OF SAFETY

STEROGLASS®

INNOVATIONS

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

DESIGN

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

CONTROL PANEL

The touch screen is wide and easy to read.
The microprocessor is multi-programmable and GLP compliant. Quick Start/Stop control and parameter selection knob.

POWERED GLASSWARE

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

INTEGRATED VACUUM CONTROLLER

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

SEALING SYSTEM

The exclusive STEROGLASS sealing system allows a perfect vacuum-tight, self-lubrification, 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.

THE AUTOMATIC ROTARY EVAPORATOR

Thanks to the ST300 vacuum controller and the PT100 probe it is possible to set working programs with automatic vacuum ramps thus allowing a completely automatic solvent separation.

FLASK ASSEMBLY

System used to assemble the evaporation flask.
The evaporation flask is screwed onto the steam passing pipe to ensure easy assembly and dismounting operations as well as a perfect seal. (You may also use traditional 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.

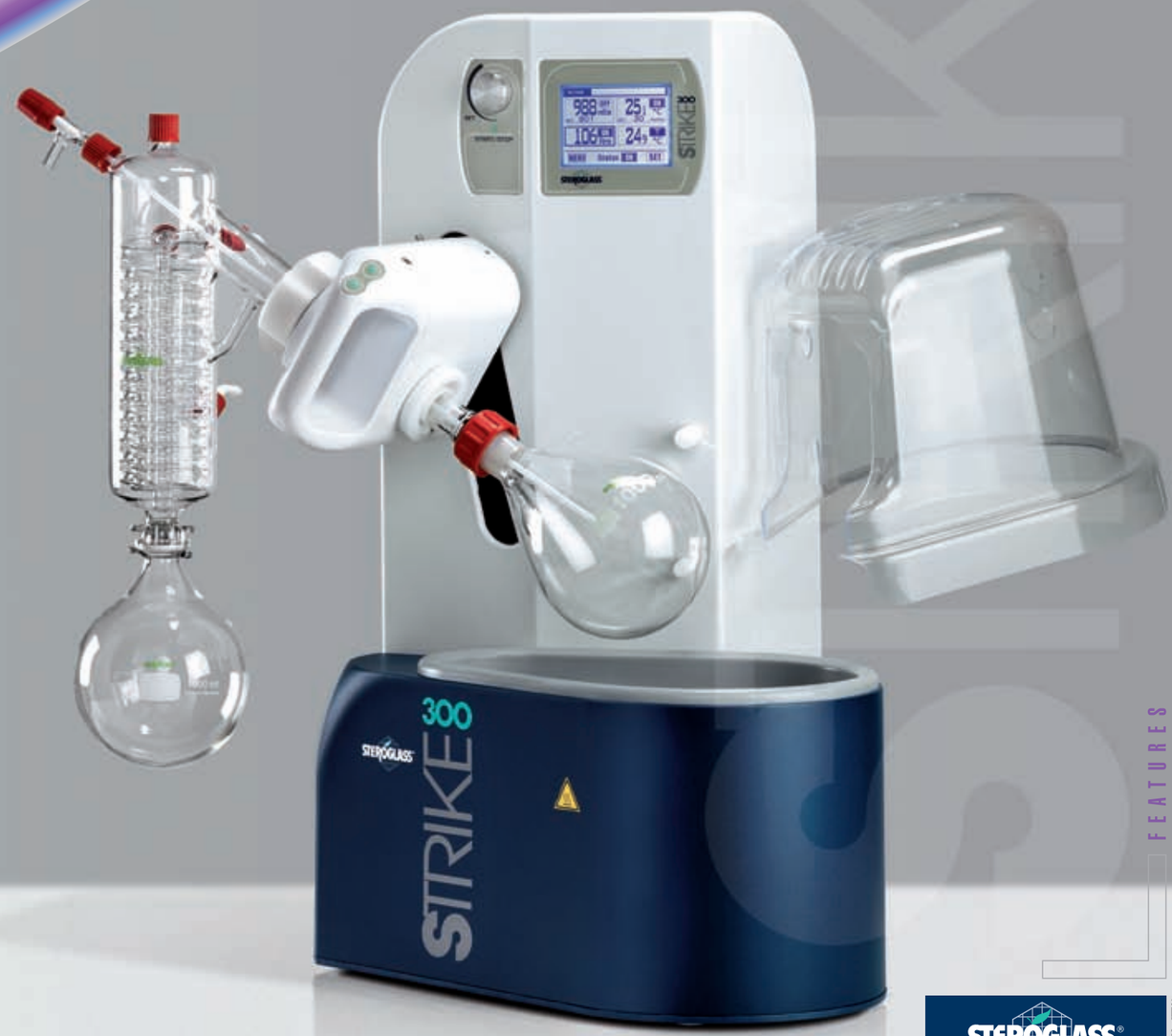
FEATURES

Standard features and performances:

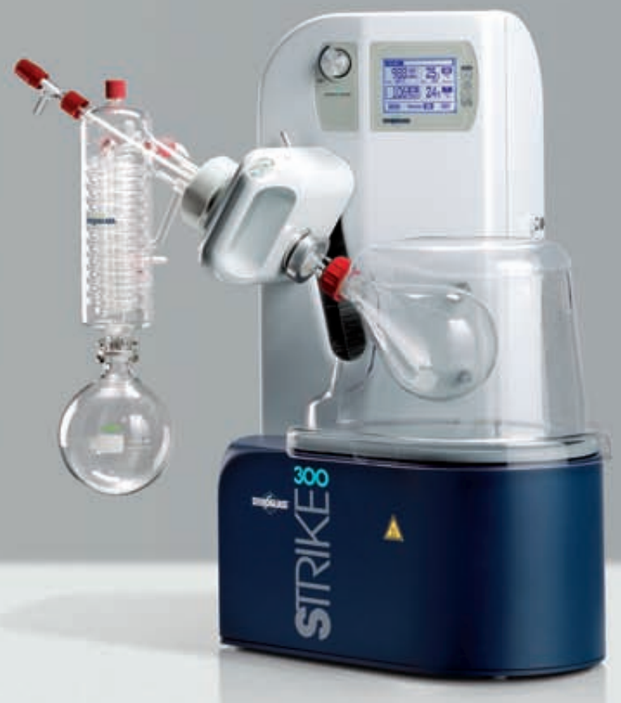
- **Removable safety shield**
- **Glassware lifting made possible with or without protective shield**
- **Maintenance-free PTFE and carbon graphite seals**
- **Powered glassware lifting equipment with manual safety release**(in case of power failure)
- **3.5” monochromatic LCD touch highlight screen**
- **Quick Start/Stop control and parameter selector**
- **Rodavis evaporation flask connection system**
- **Removable thermostatic bath, PTFE coated**
- **GLP-compliant instrument** (with standard USB interface)
- **Optional fume temperature probe**
- **Optional vacuum controller**
- **Rotation speed from 20 to 280 rpm** (150W induction motor)
- **Thermostatic bath ambient temperature: 185° C** (2 possible settings: water and oil)
- **Bath heater: 1200 W**
- **Bath capacity: 5 litres**
- **Bath material: PTFE coated**
- **Removable bath for emptying**
- **Models available with vertical or slanting, standard or plastic-coated glassware**
- **Evaporating flasks: 1000 ml** (optional 50 to 3000ml)
- **Collecting flasks: 1000 ml** (optional 250 to 2000ml)
- **Overall dimensions: 690x700x430 mm** (vertical version, HxDxL)
- **Weight: 26,5 Kg** (vertical version)
- **Overall dimensions: 690x790x430 mm** (slanting version, HxDxL)
- **Weight: 26 Kg** (slanting version)
- **Voltage: 230 V AC, 50Hz**
- **Power consumption: 1400W**

INTERNATIONAL GOLD AWARD
WINNER STRIKE 300 IBO 2010
for laboratory equipment design

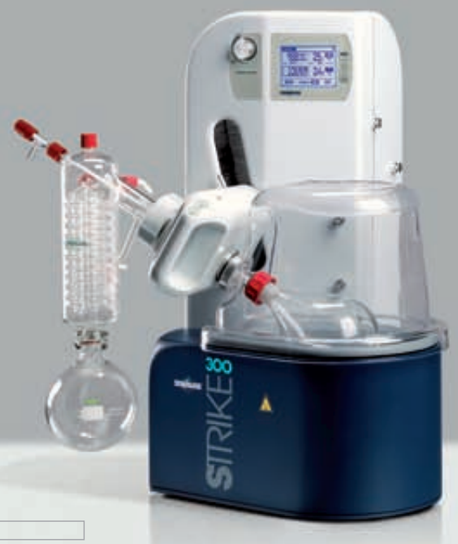
Evaporator in non-operating phase without protective shield



Evaporator in stand-by phase with lifted glassware and protective shield



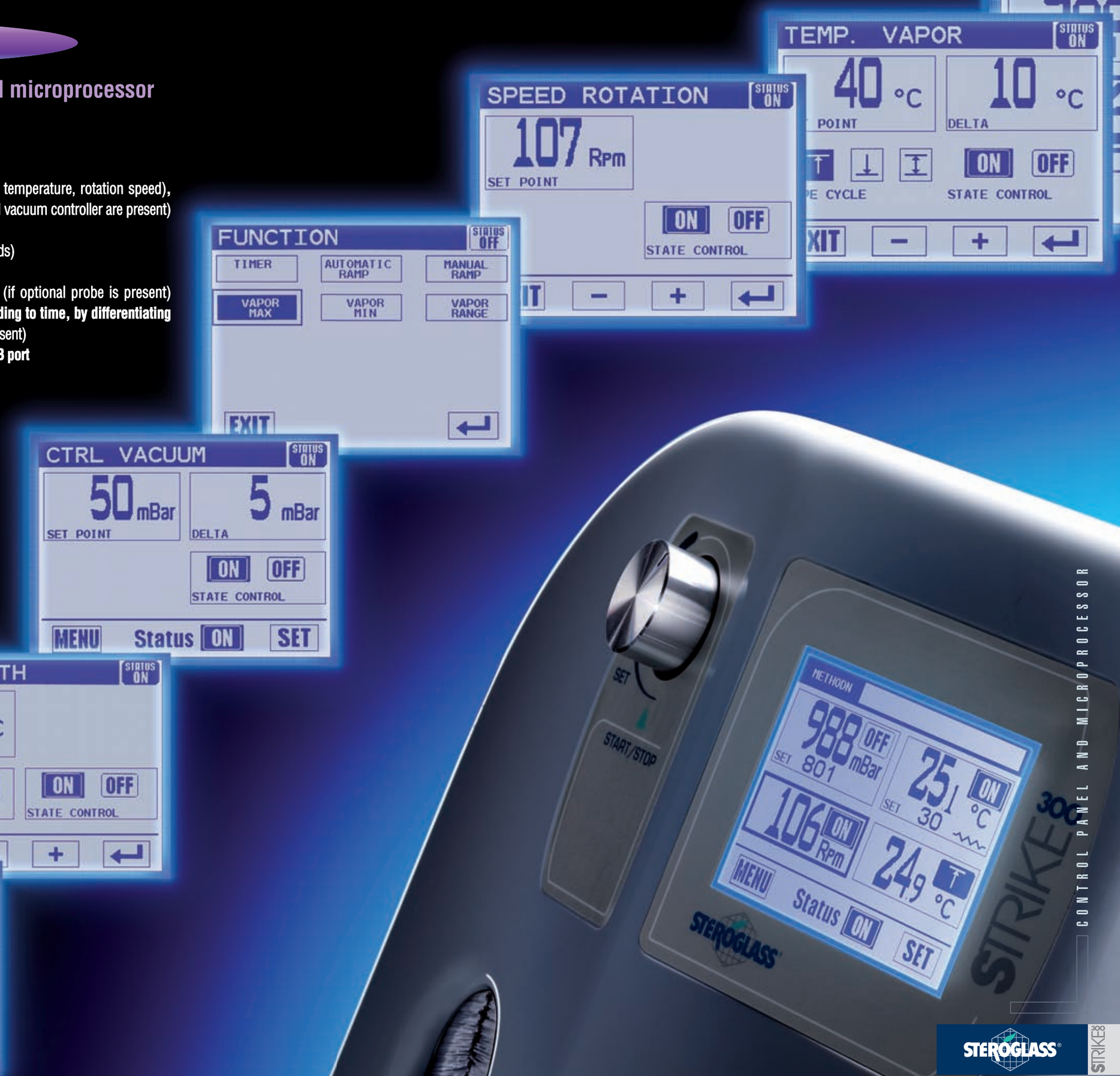
Evaporator in operating phase



CONTROL PANEL

Control panel and microprocessor

- **3.5” LCD graphic display touch screen** (320 x 240 pixel)
- **START/STOP control and quick basic parameter selection**
- **Real-time display of basic operating parameters** (bath temperature, rotation speed), **vacuum level and fume temperature** (if optional probe and vacuum controller are present)
- **Real-time display of working method**
- **Method saving and retrieving as standard** (up to 10 methods)
- **Timer**
- **Possibility to operate according to fume temperature** (if optional probe is present)
- **Possibility to create manual and automatic ramps according to time, by differentiating all working parameters** (if optional vacuum controller is present)
- **Possibility to download working method to PC through USB port and retrieve it at any time**
- **USB updatable multi-language software**

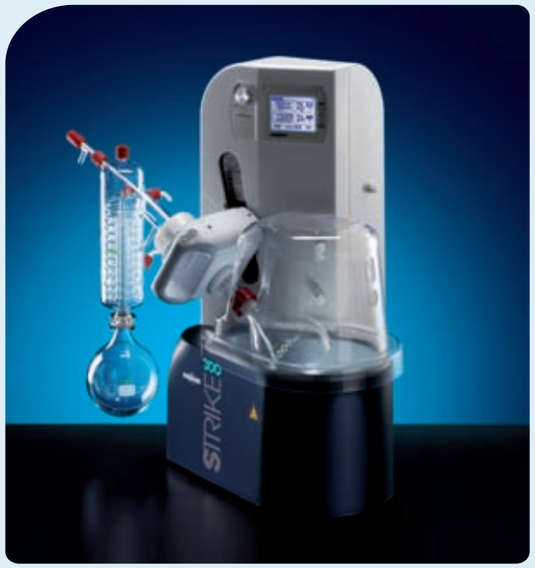


CONTROL PANEL AND MICROPROCESSOR

Ordering information

DESCRIPTION				CODE
CONFIGURATIONS IN STANDARD GLASSWARE				
Rot. Evap. STRIKE 300	220 V.	Slanting glassware	O	**SQED059113**
Rot. Evap. STRIKE 300	220 V.	Vertical glassware	V	**SQED059112**
CONFIGURATIONS IN PLASTIC COATED SAFETY GLASSWARE				
Rot. Evap. STRIKE 300	220 V.	Slanting plastic coated glassware	O/P	**SQED059419**
Rot. Evap. STRIKE 300	220 V.	Vertical plastic coated glassware	V/P	**SQED059418**

NOTE: Other glassware versions are available upon specific request



ACCESSORIES AND SPARE PARTS

PT100 probe

complete with trap for vapour temperature reading (directly interfaced and controlled by Strike 300) **SQEF059420**

ST300 vacuum controller

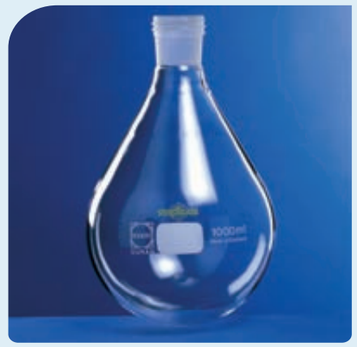
complete with valve (directly interfaced and controlled by Strike 300). The vacuum tube is not included. **SQEF059421**

BOROSILICATE GLASS REFRIGERATOR

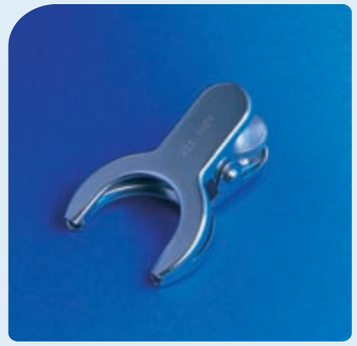
with internal coil, O version (slanting)	**SQEF059799**
plastic coated, with internal coil, O version (slanting)	**SQEF059798**
with internal coil, V version (vertical)	**SQEF059796**
plastic coated, with internal coil, V version (vertical)	**SQEF059797**

DESCRIPTION		CODE
BOROSILICATE GLASS RODAVIS EVAPORATING FLASK 29/32		
Capacity	50 ml	**SQFY051170**
Capacity	100 ml	**SQFY015938**
Capacity	250 ml	**SQFY015939**
Capacity	500 ml	**SQFY015940**
Capacity	1000 ml	**SQFY015934**
Capacity	2000 ml	**SQFY015935**
Capacity	3000 ml	**SQFY015936**

EVAPORATING FLASKS FOR POWDERS		
Capacity	500 ml	**SQFY046060**
Capacity	1000 ml	**SQFY046062**
Capacity	2000 ml	**SQFY046061**
Capacity	3000 ml	**SQFW047273**
BOROSILICATE GLASS COLLECTING FLASK 35/20		
Capacity	500 ml	**SQUA015798**
Capacity	1000 ml	**SQUA015796**
Capacity	2000 ml	**SQUA015792**



BOROSILICATE GLASS ADAPTER	
for multiple evaporation N. 4 sockets NS12 with central socket NS29/32	**SQFW029300**
BOROSILICATE GLASS ADAPTER	
N. 4 sockets NS29 with central socket RODAVIS 29	**SQUA062435**
BOROSILICATE GLASS ADAPTER	
N. 3 sockets NS29 with central socket RODAVIS 29	**SQUA062434**
ANTI-SPRINKLING BUBBLE in borosilicate glass	
for evaporation flasks up to 500 ml	**SQFW026451**
STEAM PASSING PIPE	
with anti-sprinkling bubble	**SQEF062440**
TIGHTENING CLAMP for flasks with spherical joint	**FLMM016694**
FLASK FIXING CLAMP	**FLMU016720**
PTFE sleeve for steam tube	**KAMY011542**
8x16 mm RUBBER VACUUM RESISTANT TUBE	**AEHA024258**

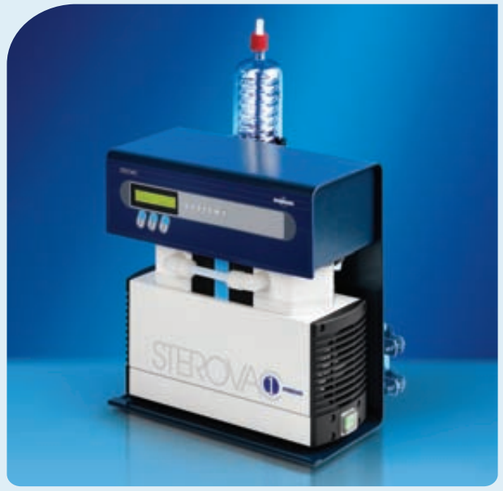


UNIVERSAL VACUUM SYSTEMS

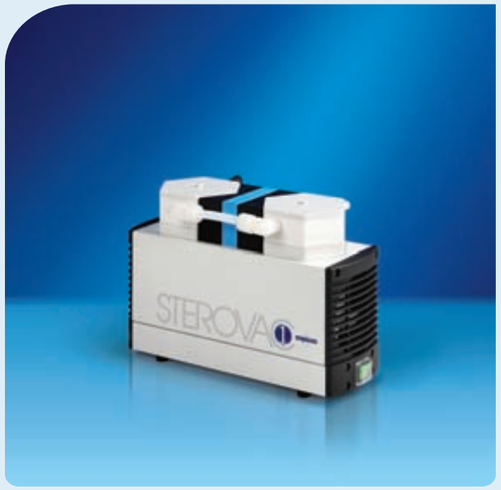
Suitable for any rotary evaporator

DESCRIPTION	CODE
STEROVAC electronic vacuum control device	**SQFW039583**
STEROVAC 1 vacuum pump	**SQNM046462**
STEROVAC SYSTEM 2 pre-configured vacuum pump system + 1 control unit + 2 traps	**SQNM047902**
STEROVAC TRAP vacuum pump system + traps	**SQNM065606**
TRAP	**SQNO065607**
LOW TEMPERATURE CHILLERS for condenser refrigeration	**upon request**

STEROVAC

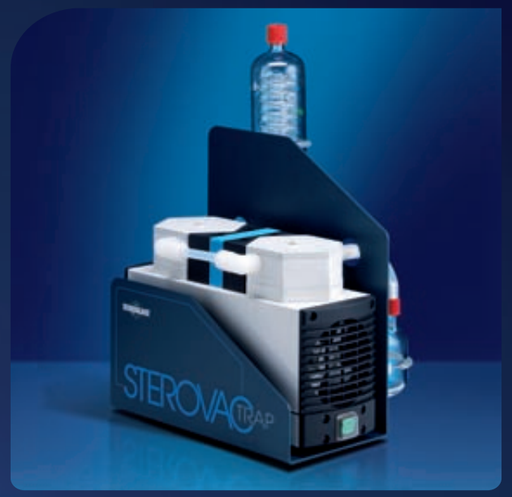


STEROVAC SYSTEM 2 front



STEROVAC 1

STEROVAC SYSTEM 2 back

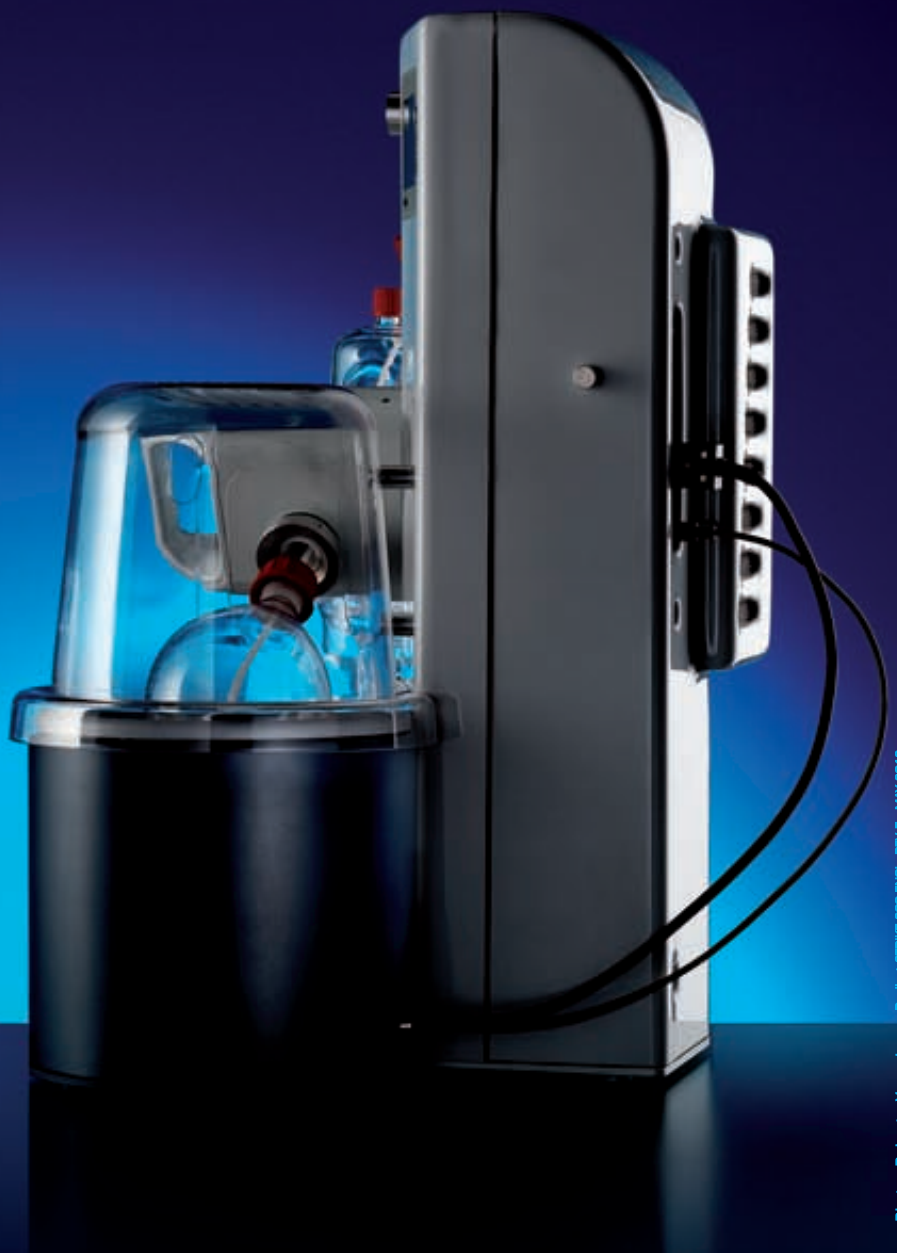


STEROVAC TRAP

TRAP

STRIKE 300

progetto grafico e design Strike 300 MARINI



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STEROGLASS®

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =

Depliant STRIKE 300 ENGL. REV 5 - MAY 2012

Photo: Roberto Vaccai