Orbital and linear motion shaker “Rotaterm”

WITH HEATED PLATFORM TOP PLATE.
ELECTRONIC DIGITAL SPEED AND TEMPERATURE DISPLAY.
INCLUDES A SAFETY OVER TEMPERATURE DEVICE.
TEMPERATURE STABILITY ±1 °C.

2 in 1 System suitable for orbital or linear motion

FEATURES

Adjustable temperature range from ambient +5 °C. to 250 °C.
Electronic 3 digit temperature display, monitored by a Pt 100 temperature probe.
Resolution: 1 digit.
Electronic digital speed control from 20 to 230 oscillations per minute and timer from 1 to 999 minutes or continuous operation.
Adjustable oscillation amplitude: 15 or 20 mm.
Choice of: orbital or linear motion.
Epoxy covered external casing.
Aluminium top plate platform with evenly distributed heater elements.
The upper platform is made of AISI 304 stainless steel with adjustable tensile spring clips that allow all kinds of glassware, flasks, Erlenmeyer flasks, racks, etc. to be held in position.
Digital calibration temperature circuit.



Part No 3000435 with platform and tensile spring clips.

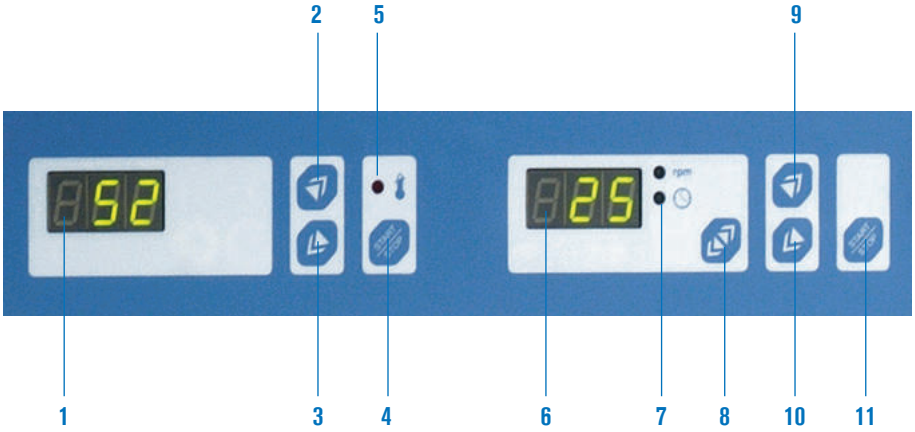
CONTROL PANEL

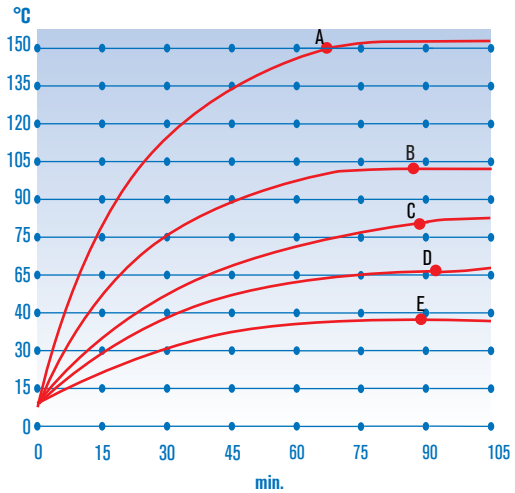
Temperature control.

1. Digital temperature display.
2. Push button increase temperature.
3. Push button reduce temperature.
4. Push button start-stop heater.
5. Over temperature alarm.

Temperature and speed control.

6. Digital display of oscillation per minute and time (in minutes).
7. Displayed parameter.
8. Push button select displayed parameter, speed or time function.
9. Push button increase parameter value.
10. Push button decrease parameter value.
11. Push button start-stop shaker.





MODEL

Part No.	Platform	Width /Depth (platform) cm		Height / Width /Depth (exterior) cm			Power W	Weight Kg
3000435	Spring clip	41	31	30	46	38	2300	32

Diagram of Temperature Vs Time.
For 500ml Erlenmeyer flasks.
A. Plate to 250 °C: Silicon 150 °C.
B. Plate to 200 °C: H_2O 97 °C.
C. Plate to 150 °C: H_2O 82 °C.
D. Plate to 100 °C: H_2O 61 °C.
E. Plate to 50 °C: H_2O 37 °C.