



# Orbital and horizontal shaker "Rotabit"

ELECTRONIC DIGITAL CONTROL OF SPEED AND RUN TIME.



## 2 in 1 system, versatile orbital and horizontal shaker

### FEATURES

Speed control from 20 to 230 oscillations per minute with timer from 1 to 999 minutes or continuous operation.

Shaking amplitude of: 15 and 20 mm.

Choice of orbital movement or a horizontal "To and Fro" motion.

Easy to interchange platforms, see accessories for platform selection.

Epoxy covered outer casing.

### CONTROL PANEL

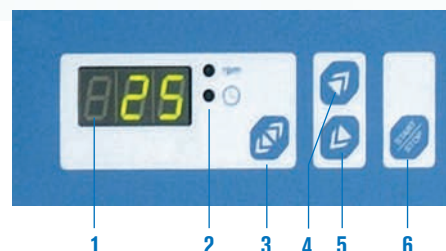
1. Digital display showing oscillations and time.
2. Displayed parameter.
3. Push button, select parameter function, speed or time.
4. Push button increase parameter value.
5. Push button reduce parameter value.
6. Push button Start- Stop.



### MODEL

Part No.	Control oscillations p.m.	Height / Width / Depth (exterior) cm			Power W	Weight Kg
<b>3000974</b>	20 - 230	20	42	43	80	13.5

This shaker can be coupled to the "Boxcult" incubation chamber with platform Part No. 3000975 (see page 37).



### ACCESSORIES

**Universal platforms** with non-slip surface with four adjustable silicon covered retaining bars suitable for all types of glassware, Erlenmeyer flasks, etc. to be held in position.

**NOTE:** This shaker has multiple options and accessories, a flow chart for easy selection of the accessories can be found at the end of this section.

Part No.	Height / Width/ Depth (exterior) cm			Weight Kg
<b>3000975</b>	9	42	35	5
<b>3000976</b>	9	55	35	6



Platform Part No. 3000975

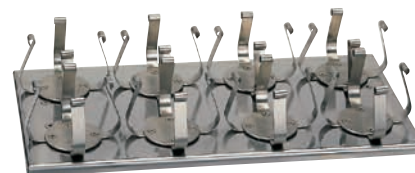


Platform Part No. 3000976

### Base for Erlenmeyer flask clips.

Made from AISI 304 stainless steel with multi-adapter location holes to support flask Erlenmeyer flask clips, capacities 50, 100, 250, 500 and 1000 ml.

Part No.	For platform number Part No.	Width / Depth (platform) cm		Capacity, No. of positions					Weight Kg
				50 ml	100 ml	250 ml	500 ml	1000 ml	
<b>3000977</b>	3000975	40	34	36	25	16	9	5	1.5
<b>3001010</b>	3000976	54	34	48	30	20	12	8	2



### Erlenmeyer flasks spring clips.

Made with tempered stainless steel.

Part No.

- 1001003** Adapter for 50 ml.
- 1000978** Adapter for 100 ml.

- 1000979** Adapter for 250 ml.
- 1000980** Adapter for 500 ml.
- 1000981** Adapter for 1000 ml.



**ACCESSORIES**



*Orbital To & Fro shaker "Rotabit" complete with accessory. "Boxcult" incubation chamber.*

**Incubation chamber "Boxcult"**

The "Boxcult" can be fitted onto the "Rotabit", Part No. 3000974, with the universal platform, (SMALL) Part No. 3000975.

Forced air fan circulation.

Adjustable temperature, ambient +5 °C to 57 °C.

Homogeneity ±2.5%

Stability ±0.5%

Built from transparent Perspex, access is through a wide hinged front door which provides easy access for loading and unloading. Samples can be viewed without opening the incubator maintaining a constant homogeneous temperature.

Part No.	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>3000957</b>	50 47 47	61 51 51	220	11

See incubator section for more details (page 137).

**Set of 5 reduction rings** adapters for separating flasks of 50 to 100 ml.

Part No. **6000620**

**Separating funnel device.**

Two positions, for mixing Horizontal to Vertical for easy decanting.

Capacity: 5 separating funnels of 250 to 500 ml or 2 funnels of 1000 ml.

Part No. **6000619**

This accessory can only be fitted to the platform Part No. 3000976.

The "Rotabit" Part No. 3000974 and platform need to be ordered separately.



*Double platform part no 3001011, with shaker Part No. 3000974*

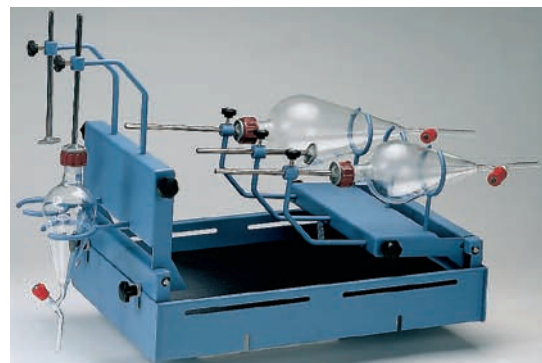
**Double platform.**

Two levels.

Fits onto the "Rotabit" Part No. 3000974.

Complete with anti slide mats and four support bars that support the upper level. Each platform has four silicon clamping bars.

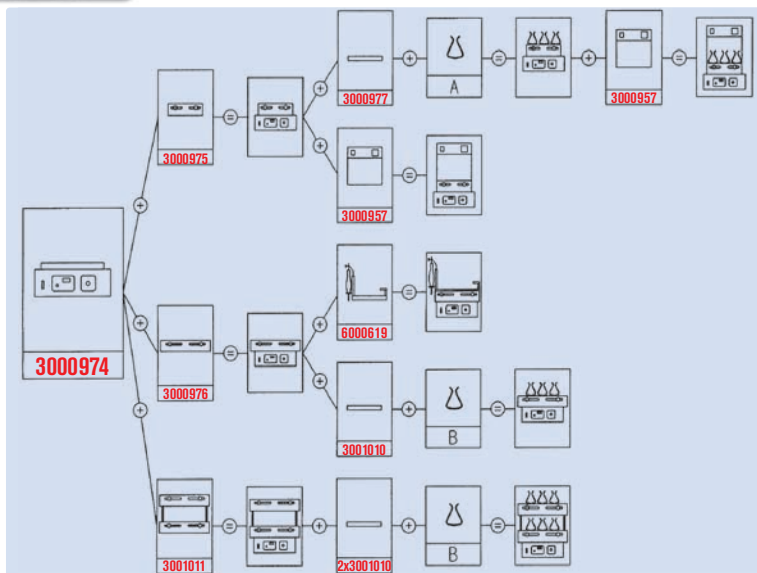
Part No.	Width / Depth (platform) cm	Total combined height cm
<b>3001011</b>	55 35	40



*Separating funnel decanting accessory Part No. 6000619  
Fits onto platform Part No. 3000976.*



**Flow diagram of the selection of accessories for the "Rotabit" To & Fro Orbital Shaker**



SUITABLE FOR ERMENMEYER			
Capacity	Part No.	A	B
50 ml	<b>1001003</b>	36	48
100 ml	<b>1000978</b>	25	30
250 ml	<b>1000979</b>	16	20
500 ml	<b>1000980</b>	9	12
1000 ml	<b>1000981</b>	5	8