



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.
Load capacity: till 30 Kg
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	Load capacity Kg	Weight Kg
3000974	20 - 230	20	42	43	80	30	13.5

This shaker can be coupled to the “Boxcult” incubation chamber with platform Part No. 3000975 (see page 38).

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.

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.

Part No.	Height / Width/ Depth (exterior) cm			Weight Kg
3000975	9	42	35	5
3000976	9	70	35	7



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 Erlenmeyer flask clips.
Capacities 50, 100, 250, 500 and 1000 ml.

Part No.	For platform number Part No.	Width /Depth (platform) cm		50 ml	100 ml	250 ml	500 ml	1000 ml	Weight Kg
3000977	3000975	40	34	36	25	16	9	5	1.5
3001010	3000976	69	34	66	45	21	18	10	2,2

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



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 of 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
3000957	50 47 47	61 51 51	220	11

See incubator section for more details (page 129).

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.

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.

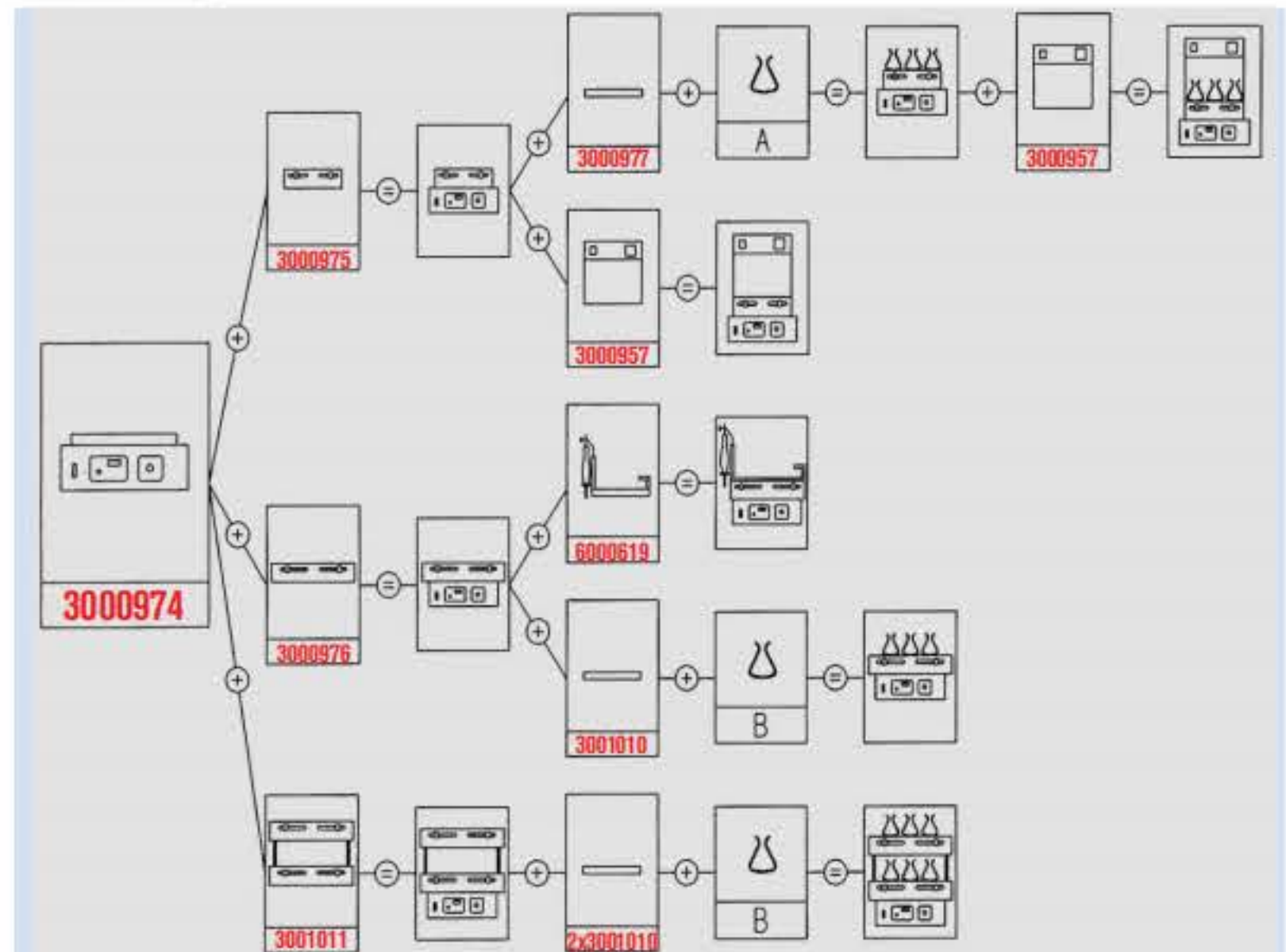
Part No.	Width / Depth (platform) cm	Total combined height cm
3001011	55 35	40



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 ERLLENMEYER			
Capacity	Part No.	A	B
50 ml	1001003	36	48
100 ml	1000978	25	30
250 ml	1000979	16	20
500 ml	1000980	9	12
1000 ml	1000981	5	8