

3015 / 3017

■ Universal and untiring

A silent operating and universally applicable Orbital Shaker that exhibits its untiring strength in particular for gentle motion and vigorous shaking of liquids. Both of these units are maintenance-free, carry the GS safety approval and come with the CE mark.

Technical Data

Overall dimensions (W x D x H):
510 x 625 x 142 mm

Moving platform: 450 x 450 mm

Load: max. 15 kg

Shaking motion: orbital

Timer:

3015 / up to 60 minutes, or continuous operation

3017 / 1 min. - 99:59 hours, or continuous operation

Shaking amplitude: 30 mm

Shaking frequency: 20 - 300 rpm

Electrical connection: 230 V*

* Other voltages on request!

3015 / 50...60 Hz, 65 W

3017 / 50 or 60 Hz**, 65 W

** Please indicate when ordering!

Net/gross weight: 18/22 kg

Packing volume (cardboard box): 0.19 m³

■ Order No. 3015

■ Order No. 3017
with RS 232 port



3015 Analogue Orbital Shaker with Tray 3966 and Clamps for Erlenmeyer flasks 3983 - 3990

Features

- ▶ compact, low-wear counterbalanced drive mechanism, ensuring high stability and dependability for orbital shaking motion
- ▶ housing made of high impact strength polystyrene, off-white varnish. The base plate is made of electrolytically galvanised, powder-coated sheet steel, the shaking platform of anodised aluminium, equipped with four plastic pins for secure attachment of accessory equipment
- ▶ an a.c. motor with overload protection drives the unit
- ▶ 3015 - clearly laid-out control panel for easy operation
3017 - speed and remaining time indicated by two LC displays

- ▶ 3015 - electronic speed control, stepless, gentle start-up
3017 - microprocessor-controlled, adjustable in steps of 1.0 rpm, gentle start-up
- ▶ constant speed during continuous operation, independent of load

Applications

What counts when growing micro-organisms, cell and tissue cultures is a „reliable colleague“ - an indispensable ingredient for successful work in bio-chemistry, microbiology, biotechnology, bacteriology and virology.

Both of these units are particularly well-suited for use in laboratories, incubation rooms and moderating rooms in ambient temperatures between +10 °C and +50 °C.

Accessories



3011



3012



3013



3014



Order No. 3966

Shaking tray
made of stainless steel, 450 x 450 mm, with holes to accommodate clamps for Erlenmeyer flasks and other accessory equipment



Clamps
made of stainless steel for Erlenmeyer flasks, for screwing on to shaking tray 3966, complete with attachment materials

- Order No. 3983 for 25 ml flasks (79*)
 - Order No. 3984 for 50 ml flasks (49*)
 - Order No. 3985 for 100 ml flasks (36*)
 - Order No. 3986 for 200 ml flasks (22*)
 - Order No. 3987 for 250-300 ml flasks (16*)
 - Order No. 3988 for 500 ml flasks (12*)
 - Order No. 3989 for 1000 ml flasks (9*)
 - Order No. 3990 for 2000 ml flasks (4*)
- Other clamps on request

* Max. number of clamps per shaking tray



Order No. 3965

Non-slip mat
for the shaking platform, 420 x 420 mm size, for slow moving, e.g. nutrient solutions in Petri dishes



Order No. 3967

Universal mount
for secure attachment of different shaking objects between the six rubber-coated bars



Order No. 3968

Platform frame
with four levels, with top rims, three levels removable. Frame and trays made of stainless steel. Distance between trays - 60 mm. Grooved rubber mats on trays to ensure secure grip of objects.