

## Special and tried and true

The „specialist“ among the Orbital Rotators for every-day use. Use of this robustly designed unit is easy and its uses are multifarious, for example when soil samples must be exactly settled, mixed and processed. This unit is maintenance-free and carries the CE mark.

### Technical Data

**Overall dimensions (W x D x H):**  
770 x 700 x 715 mm

**Load:** max. 20 kg  
with uniform load distribution

**Motion:** orbital rotating

**Capacity:** max. 12 bottles / vessels

**Bottle/vessel dimensions:**  
max. 110 mm diameter, round or square /  
rectangular, max. 270 mm height

**Shaking frequency:** 1 - 20 rpm

**Electrical connection:**  
230 V\* 50...60 Hz, 100 W  
\* Other voltages on request!

**Net/gross weight:** 62/78 kg

**Packing volume (cardboard box):** 0.91 m<sup>3</sup>

**Order No. 3040**



### Features

- ▶ compact, low-wear drive mechanism
- ▶ housing made of electrolytically galvanised, powder-coated sheet steel
- ▶ a d.c. motor with overload protection drives the unit
- ▶ electronic speed control, stepless
- ▶ constant speed during continuous operation
- ▶ clearly laid out control panel for easy operation: main switch with control lamp, rotary selector switch for setting and LED display for speed indication and lever for the stopping device of the rotating rack, which guarantees easy clamping of the sample vessels

- ▶ rotating rack with ball bearings on both sides, able to accommodate a max. of 12 flasks/vessels, round or square/rectangular, up to a diameter of 110 mm and a height of 270 mm, in four planes, each plane with three holding frames. Drive is implemented via a toothed belt and a sliding hub.
- ▶ holding frame for safe, secure clamping of the sample vessels, made of stainless steel

### Applications

The uniform rotating motion of this special Shaker make it particularly well-suited for processing soil samples in glass/plastic wide-mouth vessels with up to 2000 ml rated volume as per DIN 38414, Part 4 „German Standard Methods for Water, Wastewater and Sludge Analysis - Determination of Leachability by Water“.

This unit can be used in ambient temperatures between +10 °C and +40 °C.