

ROCKER 3D digital

/// Data Sheet

Digital shaker with three-dimensional tumbling motion and adjustable speed for smooth mixing tasks. Used for homogeneous mixing in flasks, culture flasks, Petri dishes and tubes. Ideal for e.g. the cultivation of cell cultures, DNA extractions, distributing of cells and staining and destaining of cells. Even with load and voltage fluctuations, shaking speed remains constant. An adjustable angle ensures optimum adaption to the particular experimental conditions.

* Timer: Countdown, adjustable from 1 s to 99h 59min
* Counter: Display of shaking time
* Error Code Display
* Different attachments enable use for a variety of applications
* Usable at 4 to 50 °C in incubators
* Easy operation with touch keypad
* Anti-slip rubber mat included
* Suitable for continuous operation
* Shaking diameter: 0 - 15° (angle)
* Speed range: 5 - 80 rpm

**Technical Data**

Type of movement tumbling

Permissible shaking weight (incl. attachment) [kg] 2

Permissible ON time [%] 100

Speed min (adjustable) [rpm] 5

Speed range [rpm] 0 - 80

Speed display 7 segment LED

Speed adjustment 1 RPM steps

Timer yes

Timer display 7 segment LED

Time setting min. [s] 1

Time setting max. [min] 5999

Operating mode timer and continuous operation

Tumbling angle adjustable [°] 0 - 15

Shaking platform stackable yes

Altitude (when shaking platform stacked) [mm] 30

Dimensions (W x H x D) [mm] 280 x 185 x 330

Weight [kg] 2.3

Permissible ambient temperature [°C] 4 - 50

Permissible relative humidity [%] 80

Protection class according to DIN EN 60529 IP 21

Voltage [V] 100 - 240

Frequency [Hz] 50/60

Power input [W] 24

DC Voltage [V=] 24

Current consumption [mA] 1000