

# IKA

designed for scientists



## 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, DANN 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

[www.ika.com](http://www.ika.com)

Subject to technical changes



IKAworlwide



IKAworlwide /// #lookattheblue



@IKAworlwide



designed for scientists

- 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





designed for scientists

## 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 control                                      | 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                           |