



designed for scientists



## ROLLER 6 digital

### /// Data Sheet

Digital roller shaker with 6 rolls provides smooth rocking and rolling action at infinitely adjustable speeds. Used for mixing blood samples, solid and liquid suspensions and viscous samples. The unit can be used with all conventional tubes and cylindrical bottles. Easily removable attachments provide for quick cleaning in case of sample spills.

- Timer: Countdown, adjustable from 1 s to 99h 59min
- Counter: Display of shaking time
- Error Code Display
- Usable at 4 to 50 °C in incubators



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- Suitable for continuous operation
- Removable rolls enable shaking of larger tubes
- Easy operation with keypad
- Shaking diameter: 24,5 mm (height)
- Speed range: 5 - 80 rpm



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## Technical Data

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Type of movement                           | rolling                        |
| 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 |
| Rolls, number                              | 6                              |
| Rolls, Ø [mm]                              | 32                             |
| Rolls, length [mm]                         | 327                            |
| Working area length [mm]                   | 350                            |
| Rolls, luffing angle fixed [°]             | 3                              |
| Rolls, max stroke at roll end [mm]         | 16                             |
| Rolls, changeable, removable               | yes                            |
| Dimensions (W x H x D) [mm]                | 240 x 115 x 545                |
| Weight [kg]                                | 4                              |
| 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                           |



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**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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