

## Data Sheet

Mixing / Shakers



## ROLLER 10 digital

Digital roller shaker with 10 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
- 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

### 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
Touch function	no
Rolls, number	10
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
Unit stackable	yes
Dimensions (W x H x D) [mm]	380 x 115 x 545
Weight [kg]	6
Permissible ambient temperature [°C]	4 - 50
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
USB interface	no
RS 232 interface	no
Analog output	no
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	24
DC Voltage [V=]	24
Current consumption [mA]	1000

**Ident. No.** 0004013000