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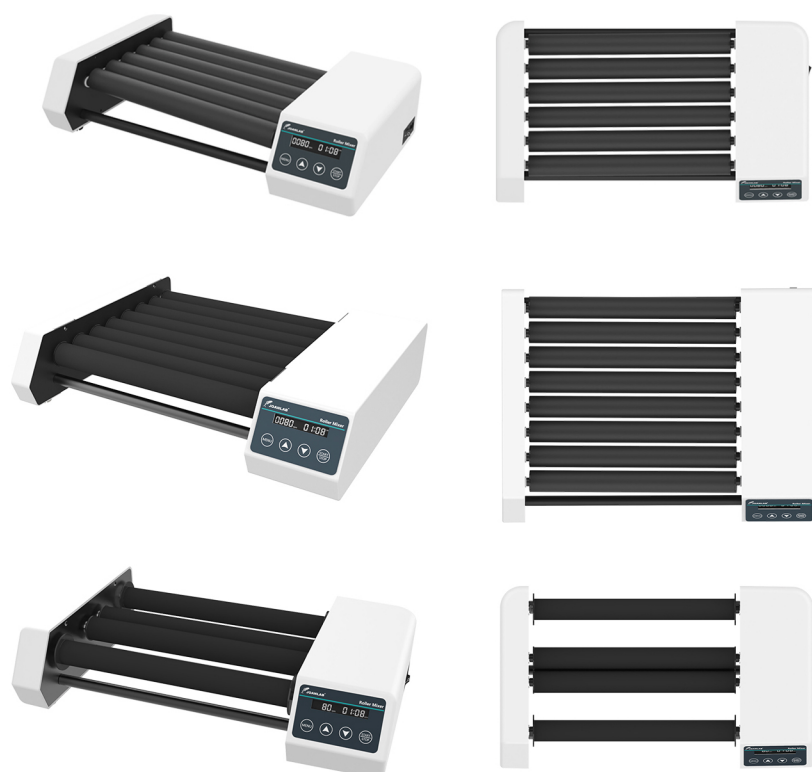
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## User manual

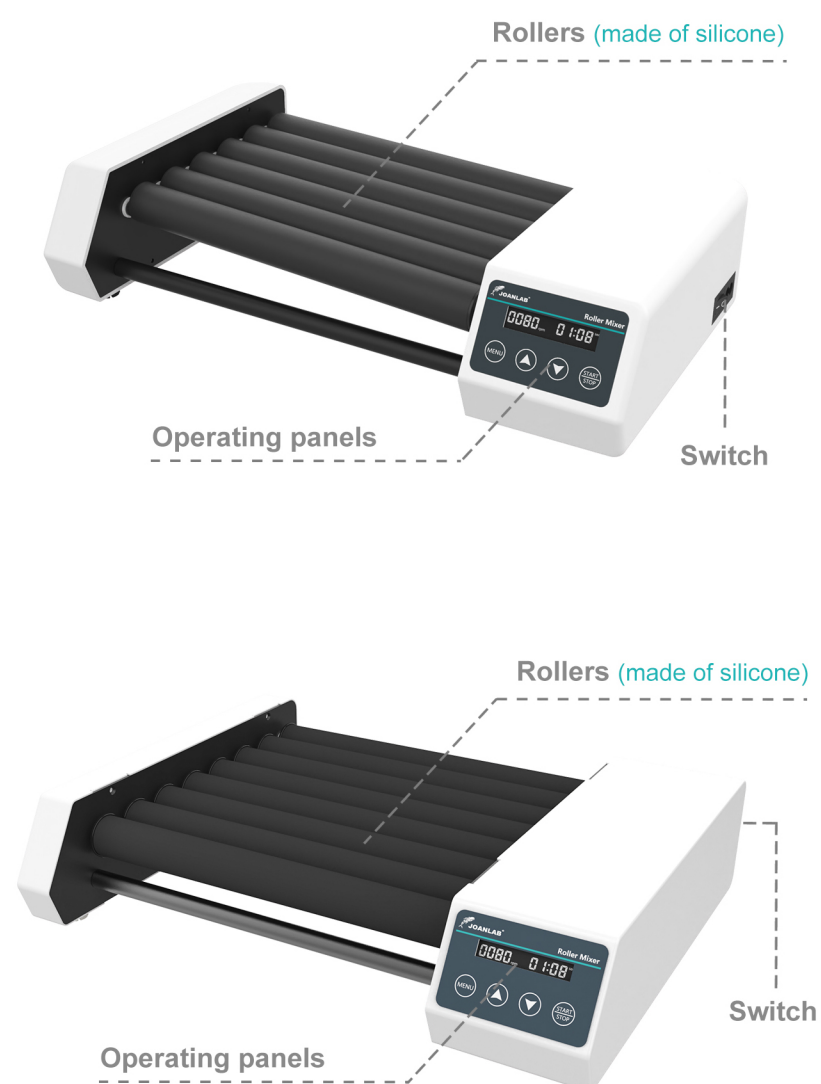
### I: Product brief

The JOANLAB mixers are designed and manufactured according to international advanced design concepts and technologies. The mixers are highly efficient and gentle and are suitable for different experiments such as blood analysis and sample mixing.

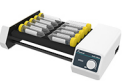
### II: Product overview



### III: Product introduction



IV: Product data

| Model         | RM-6                                                                              | RM-6Pro                                                                           | RM-8Pro                                                                           |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Products Name | Roller mixer (High-low axis)                                                      |                                                                                   |                                                                                   |
| Image         |  |  |  |
| Type          |                                                                                   | Rotating shaking                                                                  |                                                                                   |
| Rollers       | 6 rollers                                                                         | 6 rollers                                                                         | 8 rollers                                                                         |
| Max Capacity  | 10*50ml Centrifuge tube / 0.5kg                                                   | 10*50ml Centrifuge tube / 0.5kg                                                   | 14*50ml Centrifuge tube / 0.7kg                                                   |
| Control mode  |                                                                                   | Digital Key                                                                       |                                                                                   |
| Speed         |                                                                                   | 20-80 rpm                                                                         |                                                                                   |
| Timing        | /                                                                                 | 1min - 23h59min                                                                   | 1min - 23h59min                                                                   |
| SPECS         |                                                                                   | φ6-34mm                                                                           |                                                                                   |
| Power         |                                                                                   | 25W                                                                               |                                                                                   |
| Voltage       |                                                                                   | AC100-220V                                                                        |                                                                                   |
| Dimension(mm) | 440*255*105                                                                       | 440*255*105                                                                       | 430*320*100                                                                       |

| Model         | RM-6H                                                                             | RM-8H                                                                             | RM-4max                                                                           |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Products Name | Roller mixer (Horizontal axis)                                                    |                                                                                   |                                                                                   |
| Image         |  |  |  |
| Type          |                                                                                   | Horizontal rolling                                                                |                                                                                   |
| Rollers       | 6 rollers                                                                         | 8 rollers                                                                         | 4 rollers                                                                         |
| Max Capacity  | 10*50ml Centrifuge tube / 0.5kg                                                   | 14*50ml Centrifuge tube / 0.7kg                                                   | 1L*2 Reagent bottle 2kg                                                           |
| Control mode  |                                                                                   | Digital Key                                                                       |                                                                                   |
| Speed         |                                                                                   | 20-80 rpm                                                                         |                                                                                   |
| Timing        |                                                                                   | 1min - 23h59min                                                                   |                                                                                   |
| SPECS         | φ6-34mm                                                                           | φ6-34mm                                                                           | φ45-100mm                                                                         |
| Power         |                                                                                   | 25W                                                                               |                                                                                   |
| Voltage       |                                                                                   | AC100-220V                                                                        |                                                                                   |
| Dimension(mm) | 440*255*105                                                                       | 430*320*100                                                                       | 440*255*105                                                                       |

V: Correct usage

/// Basic usage

Application

> Suitable for mixing operations in different applications: electron microscopy analysis, blood cell suspensions, homogeneous solid blood and plasma, tissue specimens, washing precipitates,disintegration sheet analysis, extraction process,dissolution slow reaction, rotary sealing, etc.

Usage

> Widely used in scientific research institutions, medical schools, health care and other units, molecular biology, virology, microbiology, pathology, immunology and other laboratories.

Steps for usage

| RM-6Pro / 8Pro / 6H / 8H / 4Max                                         | RM-6                                                |
|-------------------------------------------------------------------------|-----------------------------------------------------|
| > Plug in the power supply and turn on the switch;                      | > Plug in the power supply and turn on the switch;  |
| > Place the sample tube/reagent bottle on the roller;                   | > Place the sample tubes on the roller;             |
| > MENU key to switch time/speed, up and down keys to adjust parameters; | > Turn the knob to adjust the rotational speed;     |
| > Press the START/STOP keys to start/stop the device.                   | > Turn the knob to the left to turn off the device. |

⚠ Instrument using environment

- > Indoor use
- > Altitude: ≤2000m
- > The instrument is suitable for ambient temperature range of +5℃~+40℃
- > Instrument operation suitable for relative humidity range of ≤80%
- > No vibrations and airflow affecting performance are present
- > There are no conductive dust, explosive gases and corrosive gases in the surrounding air
- > Keep a safety distance of 10cm between the front and back left and right when the instrument is working

⚠ Safety Precautions

- > It is strictly forbidden to unplug the power connector and toggle the switching power button when your hands are stained with liquid!
- > It is strictly forbidden to unplug the power plug when the instrument is live!
- > It is strictly forbidden to maintain and scrub the instrument when it is powered on!
- > It is strictly forbidden to install the instrument on an uneven, shaky and shaky work surface!

Delivery list

> Host    > Power cable    > User manual



Product conformity certificate

Product Name : 

Roller mixer

Model number : 

☐ RM-6

☐ RM-6Pro

☐ RM-8Pro

☐ RM-6H

☐ RM-8H

☐ RM-4Max

Production date :

Manufacturer : 

JOAN LAB EQUIPMENT(ZHEJIANG) CO.,LTD