



Tel: 86-0572-2266665

Web: www.joanlab.cn

E-mail: info@joan-lab.com

NO.181 Gangfeng Road, Wuxing District, Huzhou City,
Zhejiang Province, China

User manual

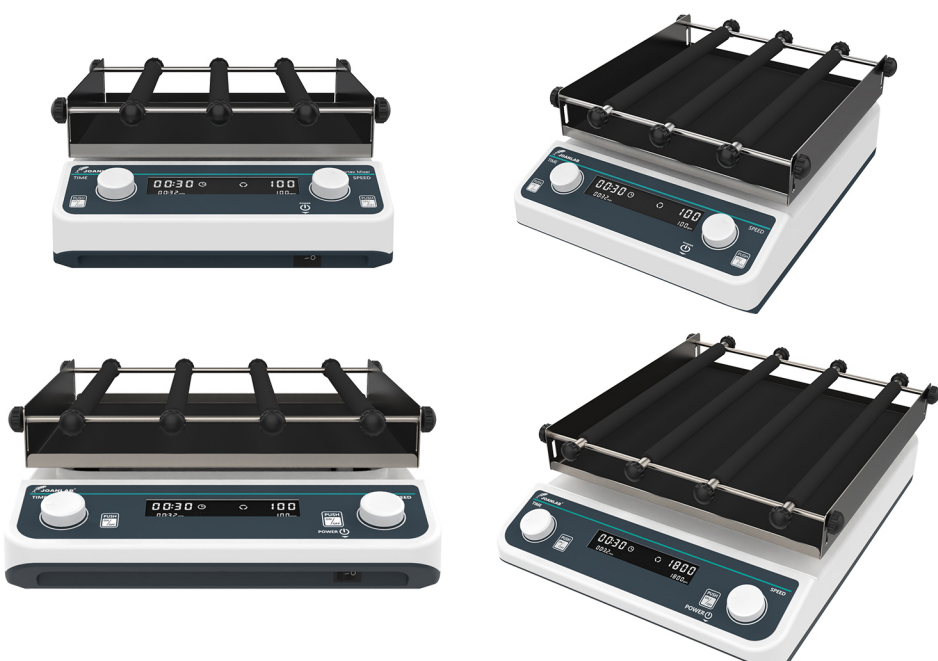
I: Product brief

JOANLAB digital display circular orbital shaker adopts international advanced design concept and manufacturing technology. With smooth and beautiful shape, compact and firm structure, and high degree of versatility, simple operation and other advantages.

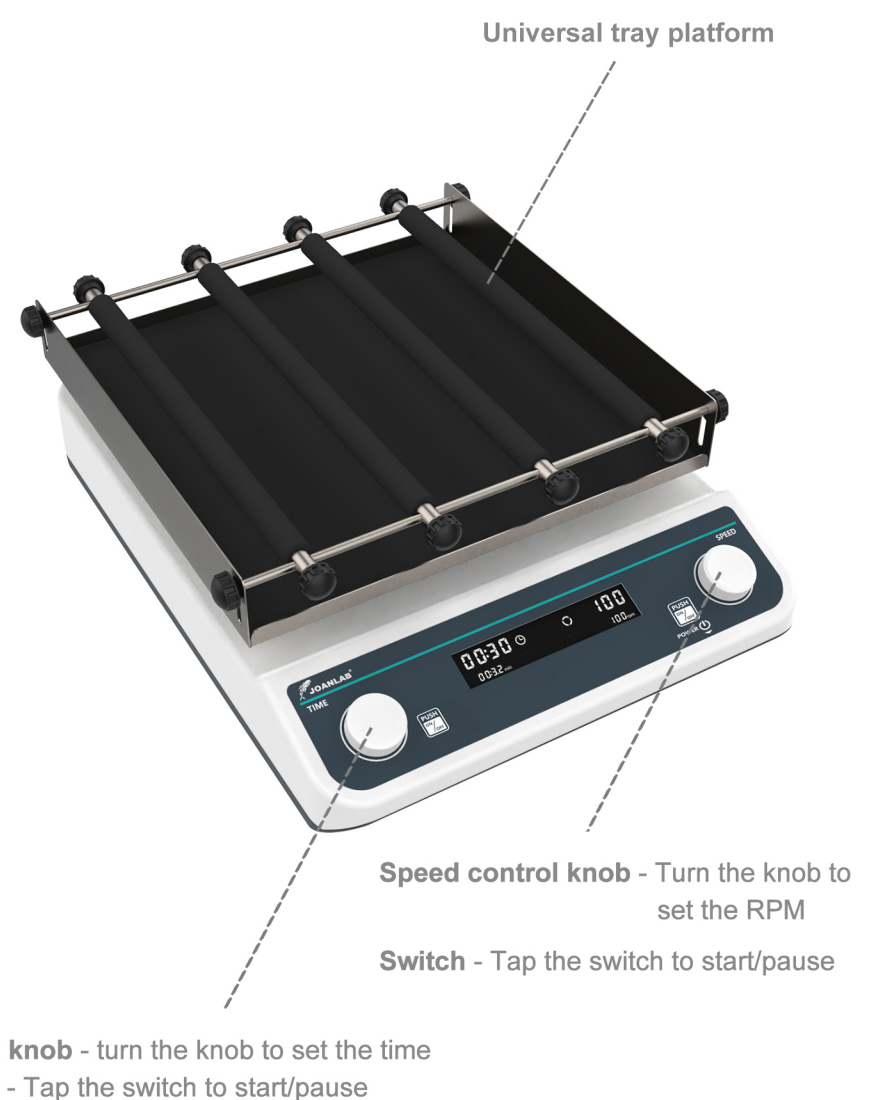
This shaker is mainly used in research applications such as bacterial culture, fermentation, hybridization and biochemical reactions, enzymes, cell tissue research, etc., which have high requirements for oscillation frequency.

It is an indispensable laboratory equipment for the precision cultivation and preparation of plants, biology, microorganisms, genetics, viruses, environmental protection, medicine and other scientific research, education and production departments.

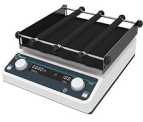
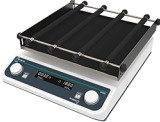
II: Product overview



III: Product introduction



IV: Product data

Model	OS - 20Pro	OS - 40Max	LS-40Max
Product Name	Digital display orbital shaker		
Product Image			
Speed Range	40- 200rpm		
Plate Type	Universal tray platform		
Plate Size	250*250*50	320*320*50	320*320*50
Turn	Circular	Circular	Linear and reciprocating
Max Load	2kg	5kg	5kg
Operation Mode	20mm		
Motor Type	Brushlss motor		
Timing Range	1min -23h59min		
Allowable ambient temp range	5 - 40℃		
Allowable relative humidity	80%		
Size	355*260*135	435*330*140	435*330*140
Voltage	100-240VAC 50/60HZ		
Power	30W	45W	45W

V: Correct usage

/// Basic usage

Application

> It is mainly used in research application fields such as bacterial culture, fermentation, hybridization and biochemical reactions, enzymes, cell tissue research, etc., which have higher requirements for oscillation frequency.

Delivery list

- > Digital Display Orbital Shaker
- > Power cord
- > Instruction manual



Usage

>Widely used in the experiments of various universities, environmental protection, sanitation, epidemic prevention, chemical industry, tap water, medical treatment and other units; it is the scientific research of plants, biology, microorganisms, genetics, viruses, environmental protection, medicine, education and production departments for precision training and preparation Indispensable laboratory equipment.

Steps for usage

- > Plug it in and turn it on
- > Place the container on the tray and clamp tightly with the rod
- > The left knob adjusts the time and the right knob adjusts the RPM
- > Tap the left or right knob,can both start/pasue

▲ Instrument using environment

- > Indoor use
- > Altitude: ≤2000m
- > The working temperature range of the instrument is +5℃~+40℃
- > The applicable temperature range of the instrument is ≤80%
- > There is no vibration and airflow that affect performance around
- > There is no conductive dust, explosive gas or corrosive gas in the surrounding air
- > Keep a safety distance of 10cm before and after the instrument is working

▲ Safety Precautions

- > It is strictly forbidden to unplug and plug the power connector and toggle the power button when the hands are wet with liquid!
- > It is strictly forbidden to unplug the power plug when the instrument is live!
- > It is strictly forbidden to maintain and clean the instrument when it is powered on!
- > It is strictly forbidden to install the instrument on an uneven, swaying and vibrating work surface!

Product conformity certificate

Product Name : Digital Display Orbital Shaker

Model number : ☐ OS - 20Pro ☐ OS-40Max ☐ LS-40Max

Production date : _____

Manufacturer : Joan Lab Equipment (Zhejiang) Co., Ltd.