

## 3D шейкеры

## 3D Rocking Shaker

### SKW-Pro

#### Product Features

- The LED LCD display features convenient reading and setting of display speed on both sides.
- 3D shaking, tilt angle 10°;
- Silicone anti-slip surface for superior handling performance;
- Speed range: 10–80 rpm;
- 定时 function: permits setting a time range from 1 minute to 8 hours.
- Brushless DC motors require no maintenance;
- It can be used in an incubator.
- General-purpose trays are suitable for handling containers of various shapes and sizes, applicable to most laboratory vessels such as culture dishes, beakers, flasks, blood collection bags, and culture bottles.



#### Technical Parameters Technical Specifications

| Model                                        | SKW-Pro                        |
|----------------------------------------------|--------------------------------|
| Maximum load                                 | 0.8kg                          |
| Tray type                                    | Table tray 184*184*15mm        |
| Any power-generating or power-driven machine | Brushless DC motor             |
| Display type                                 | LED LCD                        |
| Range of speeds                              | 10-80rpm                       |
| Time Range                                   | 1min-8h                        |
| Rating torque                                | 0.68NM                         |
| Operation Mode                               | Counterclockwise3Dswing        |
| Power                                        | 10W                            |
| Overall dimensions (W x D x H)               | 184X184X130mm                  |
| Operating ambient temperature                | 5-40°C                         |
| Supply voltage                               | AC100-240V50/60HZ              |
| Protection Level                             | IP21                           |
| Total weight of the machine                  | 2.8kg                          |
| Appendix                                     | Power cord, instruction manual |

# Электрические печи

## Electric Furnace Series

DK Type, DL Type, DT Type

### Product Features

- Both the DK and DL models feature cold-rolled sheet spray-coated shells, offering a minimalist and aesthetically pleasing design. The DT model, on the other hand, boasts an ultra-high-hardness microcrystalline glass shell, ensuring durability and easy cleaning.
- The DK model uses resistance wire heating, offering rapid temperature rise and high heating efficiency.
- The DL model features a fully enclosed heating plate made of Teflon, eliminating open flames and offering waterproof functionality
- The DT model features microcomputer-controlled power regulation and waterproof functionality. It offers 13 adjustable power levels with a timer function.
- Both the DK and DL models feature knob-controlled continuous temperature adjustment.



## Technical Parameters

| Model                                     | DK-98-II                                     |                  |             |                                     |             | Closed electric furnace |                     |
|-------------------------------------------|----------------------------------------------|------------------|-------------|-------------------------------------|-------------|-------------------------|---------------------|
| Specifications                            | Single unit 1 kW                             | Single unit 2 kW | Dual Link   | Four-Link                           | Six-Link    | DL-1                    | DL-2                |
| Heating Method                            | Conduction of heat                           |                  |             |                                     |             |                         |                     |
| Calorifier                                | Resistance wire                              |                  |             | Teflon fully enclosed heating plate |             |                         |                     |
| Power rating                              | 1000W                                        | 2000W            | 1000W*2     | 1000W*4                             | 1000W*6     | 1500W                   | 1000W*2             |
| Temperature Control Method                | Stepless adjustment of the variable resistor |                  |             |                                     |             |                         |                     |
| Heating plate size ( diameter ) $\varphi$ | 125*125                                      | 155*155          | 125*125     | 125*125                             | 125*125     | $\Phi 185$              | $\Phi 155+\Phi 155$ |
| External dimensions (W*D*H)               | 150*180*140                                  | 185*220*160      | 305*180*140 | 610*180*140                         | 910*180*140 | 250*290*80              | 250*580*80          |
| Netweight/Gross weight                    | 1.5/2kg                                      | 2.5/3.5kg        | 3/4kg       | 5.3/6.8kg                           | 7.5/9kg     | 1.5/2kg                 | 3/3.2kg             |

| Model                       | Specifi-<br>cations | Heating<br>Method     | Calorifier                           | Power bracket | Temperature<br>control way  | Heating plate size<br>( diameter ) $\varphi$ | Outline dimension<br>(W*D*H) | Netweight/<br>Gross weight |
|-----------------------------|---------------------|-----------------------|--------------------------------------|---------------|-----------------------------|----------------------------------------------|------------------------------|----------------------------|
| Electrical<br>ceramic stove | DT-1                | Conduction<br>of heat | Infrared light<br>Wave Heat Transfer | 50W-1350W     | Microcomputer<br>controlled | $\Phi 130$                                   | 250*200*60                   | 1.4/1.6kg                  |

# Генератор льда

## Fully Automatic Snowflake Ice Maker

### YL-SIM Series

#### ➤ Product Features

- Featuring a high-quality stainless steel casing that is corrosion-resistant and durable, the device adopts a standalone integrated design with a compact and space-saving profile. The insulation layer of the unit employs fluorine-free foam for superior thermal performance.
- Equipped with a high-quality R290 compressor, the system delivers superior cooling efficiency and ensures product safety and reliability. • The ice-making process is fully computer-controlled, utilizing advanced computer chips for reliable operation and smooth performance.
- The chamber-septum ice-making evaporator features high cooling efficiency and substantial ice production capacity. • The spiral roller-extrusion ice-making design boasts a compact structure that enables automatic ice-water separation. The optimized blade edge design ensures fine, practical ice particles.
- It features protective shutdown functions such as ice saturation indicator, water level indicator, supercool protection indicator, and fault warning indicator. The produced ice consists of irregular, fine granular snowflake-shaped ice particles, which are small enough to penetrate narrow gaps and achieve rapid cooling.



The Yalin ice maker is widely used in hospitals, schools, laboratories, research institutes, as well as in supermarket food preservation, fishery cold storage, medical applications, chemical industries, and food processing sectors, demonstrating extensive applicability.

## Technical Parameters

| Product model | Ice production capacity kg/24h | Ice storage capacity kg | Import Power (w) | Product external dimensions (LX WX H) mm | Net dimensions of the packaging exterior (LX WX H) mm | Net weight | Rough weight |
|---------------|--------------------------------|-------------------------|------------------|------------------------------------------|-------------------------------------------------------|------------|--------------|
| YL-SIM-20     | 20                             | 10                      | 280              | 330X470X605                              | 400×550×680                                           | 26         | 29           |
| YL-SIM-30     | 30                             | 10                      | 300              | 330X480X605                              | 400×550×680                                           | 26         | 29           |
| YL-SIM-40     | 40                             | 15                      | 360              | 400X553X700                              | 470×610×750                                           | 36         | 39           |
| YL-SIM-50     | 50                             | 15                      | 380              | 400X553X700                              | 470×610×750                                           | 36         | 39           |
| YL-SIM-60     | 60                             | 25                      | 420              | 400X510X845                              | 480×590×900                                           | 42         | 45           |
| YL-SIM-70     | 70                             | 25                      | 460              | 400X510X845                              | 480×590×900                                           | 42         | 45           |
| YL-SIM-85     | 85                             | 25                      | 480              | 400X510X845                              | 480×590×900                                           | 42         | 45           |
| YL-SIM-100    | 100                            | 40                      | 520              | 500X611X950                              | 630×730×1040                                          | 58         | 63           |
| YL-SIM-120    | 120                            | 40                      | 550              | 500X611X950                              | 630×730×1040                                          | 58         | 63           |
| YL-SIM-150    | 150                            | 40                      | 680              | 500X611X950                              | 630×730×1040                                          | 60         | 65           |
| YL-SIM-200    | 200                            | 60                      | 1040             | 680X740X1100                             | 790×730×1185                                          | 80         | 85           |
| YL-SIM-250    | 250                            | 60                      | 1100             | 680X740X1100                             | 790×730×1185                                          | 80         | 85           |
| YL-SIM-300    | 300                            | 200                     | 1360             | 565×575×570                              | 650×660×780                                           | 70         | 75           |
|               |                                |                         |                  | 570×800×1020                             | 640×870×920                                           | 25         | 30           |
| YL-SIM-500    | 500                            | 300                     | 1650             | 600×760×740                              | 730×860×840                                           | 90         | 95           |
|               |                                |                         |                  | 760×840×1120                             | 830×920×1040                                          | 35         | 40           |

# Гомогенизатор

## Homogeneous Dispenser

### HE-10L

#### Product Features

- Multiple working heads in various specifications accommodate processing volumes ranging from 0.2 to 10,000 mL, meeting diverse sample processing requirements.
- The digital display model HR-25D supports arbitrary speed settings ranging from 4,000 to 26,000 rpm and features a timer function covering 0–999 minutes. The instrument automatically stops upon completion of operation.
- The machine features a compact structural design and elegant styling, delivering a linear speed of 27 m/s for sample homogenization.
- The dual-support rod design, combined with dual-hole fixed clamps, forms an integrated lifting and adjustment system that ensures more reliable and safer experimental operations.
- It can be paired with a temperature sensor to measure the sample temperature in real time. Upon reaching the preset value, the system automatically stops operation, providing better protection for the sample and ensuring safe and reliable experimental conditions.



The HE-10L laboratory homogenizing emulsifier is a specialized mechanical device designed for sample homogenization and emulsification. Equipped with various working heads of different specifications, it rapidly achieves sample dispersion, homogenization, emulsification, suspension, and stirring. Currently, it has been widely applied in numerous fields including biological plant and animal tissues and cells, pharmaceuticals, cosmetics, food, medicine, and chemical engineering.

Our company has achieved a technological breakthrough in developing carbon-free brush DC motors for homogenizing emulsifiers, overcoming the current limitation in domestic homogenizers that exclusively utilize carbon brush motors. The carbon-free brush DC motor significantly reduces operational noise of the equipment and enables prolonged operating hours. Additionally, it creates a carbon-free environment, effectively minimizing the risk of sample contamination by carbon powder.

## Technical Parameters

| Model                             | HE-10L                               |
|-----------------------------------|--------------------------------------|
| Host Product Code                 | 1004022001                           |
| Set Product Code                  | 1004022000                           |
| Type                              | Digital Display Type                 |
| Voltage v                         | 200~240                              |
| Frequency Hz                      | 50~60                                |
| Rated input power W               | 1050                                 |
| Output rating w                   | 750                                  |
| Maximum input power w             | 1350                                 |
| maximumoutput w                   | 1050                                 |
| Motor Type                        | Brushless DC motor                   |
| Speed range (no load) rpm         | 4000~26000                           |
| Speed range (water load) rpm      | 4000~21000                           |
| Speed accuracy (rpm)              | ±100                                 |
| Speed display                     | LCD                                  |
| Mode of speed regulation          | Knobs for adjustment                 |
| Handling capacity ml              | 0.2~10000                            |
| Time range minimum                | 0~999                                |
| Time display                      | LCD                                  |
| Temperature measurement range: °C | -10~199                              |
| Standard Set                      | Host + Blade Head + Flat Plate Mount |
| Host instrument size: mm          | 365*φ90                              |
| Host packaging size: mm           | 470*340*205                          |
| Set of instrument dimensions: mm  | 200*315*780                          |
| Packaging size (mm)               | 810*410*150                          |
| Net weight of the host kg         | 2.5                                  |
| Net weight of the host kg         | 2.9                                  |
| Net weight of the set: kg         | 6.5                                  |
| Set gross weight (kg)             | 13.045                               |

## Standard Accessories

| Ordernumber | Name                                                            | Quantity     |
|-------------|-----------------------------------------------------------------|--------------|
| 1           | Main engine                                                     | 1 individual |
| 2           | Upright                                                         | 1 root       |
| 3           | Dull and stereotyped                                            | 1 individual |
| 4           | Saddle head (double hole, φ16*16mm)                             | 1 individual |
| 5           | 25G cutting tip                                                 | 1 individual |
| 6           | Power line                                                      | 1 root       |
| 7           | Specification Sheet & Warranty Card & Certificate of Conformity | 1 portion    |

## Accessories

| Option         |                        |                   |                  |
|----------------|------------------------|-------------------|------------------|
| Specifications | Handling capacity (ml) | Dynamic viscosity | Material quality |
| HE-10L-6G      | 0.2-10                 | 100               | 316              |
| HE-10L-8G      | 1-60                   | 100               | 316              |
| HE-10L-10G     | 10-150                 | 200               | 316              |
| HE-10L-18G     | 50-1500                | 3000              | 316              |
| HE-10L-18F     | 100-1500               | 2000              | 316              |
| HE-10L-20G     | 50-1500                | 3000              | 316              |
| HE-10L-20F     | 50-1500                | 3000              | 316              |
| HE-10L-25GST   | 100-5000               | 5000              | 316              |
| HE-10L-25G     | 100-5000               | 5000              | 316              |
| HE-10L-25F     | 100-5000               | 5000              | 316              |
| HE-10L-25DG    | 100-5000               | 5000              | 316              |
| HE-10L-25DF    | 100-5000               | 5000              | 316              |
| HE-10L-25JX    | 100-5000               | 8000              | 316              |
| HE-10L-25JQ    | 100-5000               | 8000              | 316              |
| HE-10L-25T1    | 100-5000               | 8000              | 316              |
| HE-10L-25T2    | 100-5000               | 5000              | 316              |
| HE-10L-25T3    | 100-5000               | 5000              | 316              |
| HE-10L-25T4    | 100-5000               | 5000              | 316              |
| HE-10L-25T5    | 100-5000               | 5000              | 316              |
| HE-10L-25T6    | 100-5000               | 5000              | 316              |
| HE-10L-30JX    | 250-10000              | 15000             | 316              |
| HE-10L-30JQ    | 250-8000               | 15000             | 316              |

## Homogeneous Dispenser

### HE-300MA

#### Product Features

- High rotational speed, lightweight design, no transformer required, and easy mobility during use.
- Standardly equipped with a 316L stainless steel distribution head (10 mm diameter), which can be easily disassembled without tools for quick and convenient cleaning. The rapid connector design facilitates easy replacement of the distribution head.



#### Technical Parameters

| Model                                | HE-300MA                                                                                                 |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| Rated operational voltage ;          | AC220V-50HZ                                                                                              |
| Power input to machine :             | 160W                                                                                                     |
| Speed :                              | 10000-35000rpm                                                                                           |
| Regulator 1 gear:                    | 10,000 rpm; speed regulator in 2nd gear: 15,000 rpm; speed regulator in 3rd gear: 20,000 rpm             |
| Regulator with 4 gears:              | 25,000 rpm with a speed regulator in 5th gear; 30,000 rpm with a speed regulator in 6th gear; 35,000 rpm |
| Speed display method:                | 6 Adjustable range                                                                                       |
| Mode of speed regulation :           | Gear adjustment                                                                                          |
| Handling capacity :                  | 0.2ml-300ml                                                                                              |
| Standard cutting head:               | 10mm                                                                                                     |
| Total weight:                        | 1Kg                                                                                                      |
| Minimum processing capacity (water): | 0.2 ml (requires optional 6 mm stainless steel blade)                                                    |
| Maximum processing capacity (water): | 300ml                                                                                                    |
| Maximum viscosity:                   | 5000MPAS                                                                                                 |
| Noise :                              | Less than 50 dB(A)                                                                                       |
| Guard mode :                         | IP30                                                                                                     |

## Standard Accessories

| order number | name                                           | quantity  |
|--------------|------------------------------------------------|-----------|
| 1            | High-speed disperser main unit + Power cable   | 1 Table   |
| 2            | Standard stainless steel 10mm distributed tool | 1 Pay     |
| 3            | Operating instruction                          | 1 portion |

## Optional Accessories

| Option |                                                                                                                                                                              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | H-type mounting bracket                                                                                                                                                      |
| 2      | Container fixed fixture                                                                                                                                                      |
| 3      | Stainless steel cutting tools: 6mm/8mm/10mm<br>6mm tool processing capacity: 0.2–30 ml<br>8mm tool processing capacity: 5–200 ml<br>10mm tool processing capacity: 10–300 ml |

# Линейные шейкеры

## Linear Shaker

### SKL-5

#### Product Features

- The universal tray is suitable for various containers, including culture dishes, flasks, Erlenmeyer flasks, blood collection bags, and most other laboratory containers.
- The LED LCD display features convenient reading and setting of display speed on both sides.
- The structure is compact and occupies minimal space;
- The rocking bed oscillates smoothly and evenly;
- Speed range: 40–200 rpm;
- timing function: Set a time range from 1 minute to 23 hours and 59 minutes;
- Continuous or scheduled operation mode;
- Brushless DC motors require no maintenance;



#### Technical Parameters

| Model                                          | SKL-5                                |
|------------------------------------------------|--------------------------------------|
| Maximum load :                                 | 5KG                                  |
| Tray type:                                     | Universaltray320*320mm               |
| Any power-generating or power-driven machine : | BrushlessDCmotor                     |
| Display type :                                 | LEDLCD                               |
| Range of speeds :                              | 40-200RPM                            |
| Time range:                                    | 1min-23h59min                        |
| Amplitude :                                    | 20mm                                 |
| Operation mode:                                | Reciprocate                          |
| Shell material:                                | Engineering-grade reinforced plastic |
| Power :                                        | 45W                                  |
| Overall dimensions (W x D x H):                | 435X330X140mm                        |
| Operating ambient temperature :                | 5-40°C                               |
| Supply voltage :                               | AC100-240V50/60HZ                    |
| Protection Level:                              | IP21                                 |
| Total weight:                                  | 8.1kg                                |
| Appendix                                       | Powercord,instructionmanual          |

# Магнитные мешалки

## Magnetic Stirrer

### YMS-Pro

#### Product Features

- Brushless DC motors require no maintenance;
- Has automatic call restoration functionality;
- Stepless speed regulation: 80–1500 rpm;
- Time range: 0–99 hours and 59 minutes
- Ultra-quiet, no vibration;
- The engineering plastic disc is sturdy and corrosion-resistant;



#### Technical Parameters

| Model                             | YMS-Pro                                                   |
|-----------------------------------|-----------------------------------------------------------|
| Control method                    | Knobs and buttons                                         |
| Speed control type                | Wuji Speed Regulation                                     |
| Display mode                      | LCD show                                                  |
| Workbench size                    | 175*175mm                                                 |
| Range of speeds                   | 80-1500rpm                                                |
| Maximum stirring volume           | 10L (water)                                               |
| Ranger of stirrer dimensions      | ≤ 80mm                                                    |
| Motor Type                        | Brushless DC motor                                        |
| Workbench material                | Engineering plastic                                       |
| Use ambient temperature           | 5-40°C                                                    |
| Environmental humidity (relative) | 80%                                                       |
| Levels of protection              | IP21                                                      |
| Power Input                       | AC100-240V50/60HZ                                         |
| Motor output power                | 12W                                                       |
| External dimensions (W x D x H)   | 355x240x120mm                                             |
| Weight                            | 3kg                                                       |
| Appendix                          | Power cord, instruction manual, φ12*50mm mixing container |

## Magnetic Stirrer

YMS-S

### Product Features

- Brushless DC motors require no maintenance;
- Has automatic call restoration functionality;
- Stepless speed regulation: 0–1500 rpm;
- Ultra-quiet, no vibration;
- The engineering plastic disc is sturdy and corrosion-resistant;



### Technical Parameters

| Model                             | YMS-S                                                     |
|-----------------------------------|-----------------------------------------------------------|
| Control method                    | Knobs and buttons                                         |
| Speed control type                | Wuji Speed Regulation                                     |
| Display mode                      | Scale display                                             |
| Workbench size                    | 175*175mm                                                 |
| Range of speeds                   | 0-1500rpm                                                 |
| Maximum stirring volume           | 20L (water)                                               |
| Ranger of stirrer dimensions      | ≤ 80mm                                                    |
| Motor Type                        | Brushless DC motor                                        |
| Workbench material                | Engineering plastic                                       |
| Use ambient temperature           | 5-40°C                                                    |
| Environmental humidity (relative) | 80%                                                       |
| Levels of protection              | IP21                                                      |
| Power Input                       | AC100-240V50/60HZ                                         |
| Motor output power                | 7.5W                                                      |
| External dimensions (W x D x H)   | 355x240x120mm                                             |
| Weight                            | 2.5kg                                                     |
| Appendix                          | Power cord, instruction manual, φ12*50mm mixing container |

## Mini Magnetic Stirrer

MS-E

### Product Features

- Brushless DC motors require no maintenance;
- Rare earth magnets exhibit strong magnetic properties and powerful stirring effect;
- Stepless speed regulation: 350–1800 rpm;
- Ultra-quiet, no vibration;
- The PET coating is highly resistant to chemical corrosion.



### Technical Parameters

| Model                             | MS-E                                    |
|-----------------------------------|-----------------------------------------|
| Control method                    | Knobs and buttons                       |
| Speed control type                | Wuji Speed Regulation                   |
| Workbench size                    | φ135mm                                  |
| Range of speeds                   | 350-1800rpm                             |
| Maximum stirring volume           | 2L (water)                              |
| Ranger of stirrer dimensions      | 20-30mm                                 |
| Motor Type                        | Brushless DC motor                      |
| Workbench material                | PVC                                     |
| Use ambient temperature           | 5-40°C                                  |
| Environmental humidity (relative) | 80%                                     |
| Levels of protection              | IP42                                    |
| Power Input                       | 100-240V50/60HZ                         |
| Motor output power                | 5W                                      |
| External dimensions (W x D x H)   | 168x160x47mm                            |
| Weight :                          | 0.46kg                                  |
| Appendix                          | Power cord, instruction manual, stirrer |

# Орбитальные шейкеры

## Orbital Shaker

### SKC-5

#### Product Features

- The universal tray is suitable for various containers, including culture dishes, flasks, Erlenmeyer flasks, blood collection bags, and most other laboratory containers.
- The LED LCD display features convenient reading and setting of display speed on both sides.
- The structure is compact and occupies minimal space;
- The rocking bed oscillates smoothly and evenly;
- Speed range: 40–200 rpm;
- timing function: Set a time range from 1 minute to 23 hours and 59 minutes;
- Continuous or scheduled operation mode;
- Brushless DC motors require no maintenance;



#### Technical Parameters

| Model                                          | SKC-5                                |
|------------------------------------------------|--------------------------------------|
| Maximum load :                                 | 5KG                                  |
| Tray type:                                     | Universal tray 320*320mm             |
| Any power-generating or power-driven machine : | Brushless DC motor                   |
| Display type :                                 | LED LCD                              |
| Range of speeds :                              | 40-200RPM                            |
| Time range:                                    | 1min-23h59min                        |
| Amplitude :                                    | 20mm                                 |
| Operation mode:                                | Circular motion                      |
| Shell material:                                | Engineering-grade reinforced plastic |
| Power :                                        | 45W                                  |
| Overall dimensions (W x D x H):                | 435X330X140mm                        |
| Operating ambient temperature :                | 5-40°C                               |
| Supply voltage :                               | AC100-240V50/60HZ                    |
| Protection Level:                              | IP21                                 |
| Total weight:                                  | 8.1kg                                |
| Appendix                                       | Power cord, instruction manual       |

## Orbital Shaker

### SKC-300

#### Product Features

- The LCD displays the real-time timing and rotational speed values;
- knobs for operation; short press to select; rotate left or right for adjustment; long press to activate – simple and user-friendly.
- Set any cultivation time within the range of 1 minute to 99 hours and 59 minutes; an automatic alert sound will be triggered upon completion.
- A variety of trays are available to meet a wide range of needs;
- Soft start with uniform acceleration, effectively preventing sample splashing;
- Driven by a brushless DC motor, it offers precise speed, long service life, and maintenance-free operation.



The SKC-300 circular shaker employs a brushless DC motor and microcomputer control technology. It features user-friendly adjustment and control via knobs, with replaceable trays and fixtures tailored to specific requirements, making it suitable for homogenizing and culturing various commonly used flasks, petri dishes, and beakers. This instrument is widely applied in fields such as bioprocess engineering, microbiology, and medical analysis.

#### Technical Parameters

| Model                    | SKC-300                             |
|--------------------------|-------------------------------------|
| Time Settings            | 1min~99h59min                       |
| Range of speeds          | 50~ 300Rpm                          |
| Amplitude                | 10mm                                |
| Source                   | AC110V~240V50/60Hz                  |
| Interior input power     | 45W                                 |
| Input voltage            | AC110V~240V50/60Hz                  |
| External dimensions (mm) | 280×270×110 (General pallet format) |
| Weight (kg)              | 7kg                                 |

## ➤ Accessories

| Applicable Accessories |                   |                                |
|------------------------|-------------------|--------------------------------|
| S-1                    | General pallet    | 8 Standard culture dish        |
| S-2                    | Adjustable tray   | 4 x 250 mL or 6 x 100 mL flask |
| S-3(100mL)             | 100 mL flask tray | 12 x 100 mL flask              |
| S-3(250mL)             | 250 mL flask tray | 6 x 250 mL flasks              |

## Overhead Stirrer

### YOS-40Pro

#### Product Features

- The set and actual values of LCD display rotation speed, along with the set time;
- Equipped with a high-power brushless DC motor, featuring long service life and high rotational speed;
- The knob features continuous speed adjustment with simple and convenient operation;
- You can set forward or reverse operation;
- Overload protection and motor protection: automatically cuts off the circuit and triggers an alarm when overload, short circuit, or abnormal speed conditions occur.
- Enabling the operational safety self-diagnosis function displays fault information for easy identification of the fault location.



## Technical Parameters

| Model                                          | YOS-40Pro                                       |
|------------------------------------------------|-------------------------------------------------|
| Large mixing volume:                           | 20L                                             |
| Motor output power:                            | 60W                                             |
| Any power-generating or power-driven machine : | Brushless DC motor                              |
| Display type :                                 | LCD LCD                                         |
| RPM range:                                     | 30-2000                                         |
| Maximum viscosity (mPAS):                      | 10000                                           |
| Maximum output power of the mixing shaft:      | 60W                                             |
| rotary speed control :                         | Stepless speed adjustment via knob              |
| Speed setting accuracy (RPM):                  | ±1                                              |
| Stirrer fixation:                              | Rotating chuck                                  |
| Minimum diameter range of the chuck:           | 0.5-10mm                                        |
| Inner diameter of hollow shaft:                | 11mm                                            |
| Stent fixation:                                | Extended arm chuck fixation                     |
| Shell material:                                | Aluminum casting coating                        |
| Overall dimensions (W x D x H):                | 188X78X208mm                                    |
| Operating ambient temperature :                | 5-40°C                                          |
| Supply voltage :                               | 24V                                             |
| Protection Level:                              | IP54                                            |
| Total weight:                                  | 2.4kg                                           |
| Appendix                                       | Power cord, instruction manual, stirring paddle |

Note: Performance parameter tests were conducted under no-load conditions with an ambient temperature of 25°C and humidity of 55%.

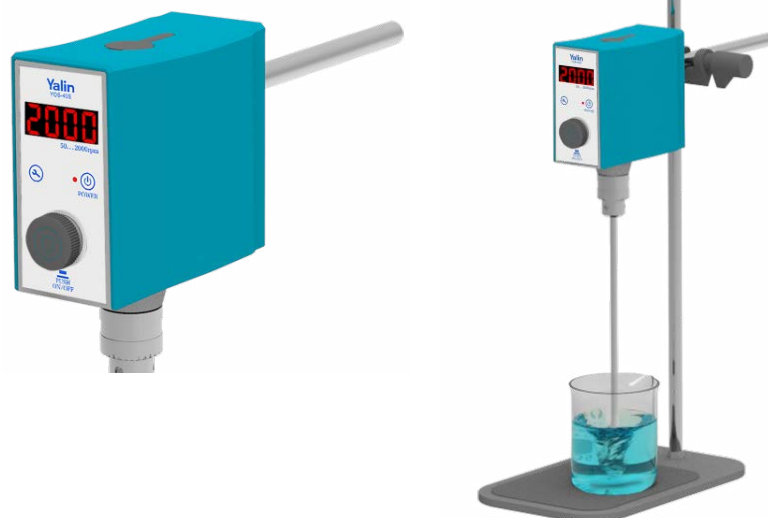
# Верхнеприводные мешалки

## Overhead Stirrer

### YOS-40S

#### Product Features

- LED display shows and monitors the actual rotational speed;
- Equipped with a high-power brushless DC motor, featuring long service life and high rotational speed;
- The knob features continuous speed adjustment with simple and convenient operation;
- You can set forward or reverse operation;
- Overload protection and motor protection: automatically cuts off the circuit and triggers an alarm when overload, short circuit, or abnormal speed conditions occur.
- Adjustable stirring paddle clamp: Facilitates vertical adjustment of the stirring paddle distance, enabling handling of a wider variety of stirring tasks. Easy to install and remove, allowing instant replacement of the stirring paddle.



## Technical Parameters

| Model                                          | YOS-40S                                         |
|------------------------------------------------|-------------------------------------------------|
| Maximum mixing capacity:                       | 20L                                             |
| Motor output power:                            | 60W                                             |
| Any power-generating or power-driven machine : | Brushless DC motor                              |
| Display type :                                 | LED show                                        |
| RPM range:                                     | 30-2000                                         |
| Maximum viscosity (mPAS):                      | 10000                                           |
| Maximum output power of the mixing shaft:      | 60W                                             |
| rotary speed control :                         | Stepless speed adjustment via knob              |
| Speed setting accuracy (RPM):                  | ±1                                              |
| Stirrer fixation:                              | Rotating chuck                                  |
| Minimum diameter range of the chuck:           | 0.5-10mm                                        |
| Inner diameter of hollow shaft:                | 11mm                                            |
| Stent fixation:                                | Extended arm chuck fixation                     |
| Shell material:                                | Aluminum casting coating                        |
| Overall dimensions (W x D x H: mm):            | 188X78X208                                      |
| Operating ambient temperature :                | 5-40°C                                          |
| Supply voltage :                               | 24V                                             |
| Protection Level:                              | IP54                                            |
| Total weight:                                  | 2.4kg                                           |
| Appendix                                       | Power cord, instruction manual, stirring paddle |

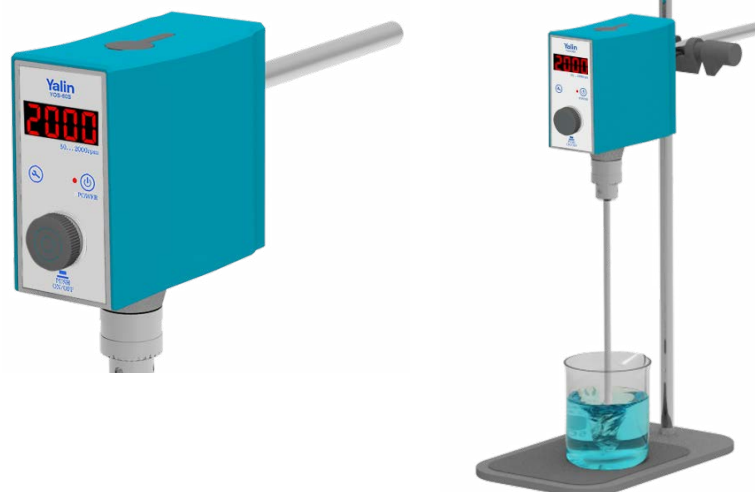
Note: Performance parameter tests were conducted under no-load conditions with an ambient temperature of 25°C and humidity of 55%.

## Overhead Stirrer

### YOS-60S

#### Product Features

- LED display shows and monitors the actual rotational speed;
- Equipped with a high-power brushless DC motor, featuring long service life and high rotational speed;
- The knob features continuous speed adjustment with simple and convenient operation;
- You can set forward or reverse operation;
- Overload protection and motor protection: automatically cuts off the circuit and triggers an alarm when overload, short circuit, or abnormal speed conditions occur.
- Adjustable stirring paddle clamp: Facilitates vertical adjustment of the stirring paddle distance, enabling handling of a wider variety of stirring tasks. Easy to install and remove, allowing instant replacement of the stirring paddle.



## Technical Parameters

| Model                                          | YOS-60S                                         |
|------------------------------------------------|-------------------------------------------------|
| Maximum mixing capacity:                       | 40L                                             |
| Motor output power:                            | 130W                                            |
| Any power-generating or power-driven machine : | Brushless DC motor                              |
| Display type :                                 | LED show                                        |
| RPM range:                                     | 30-2000                                         |
| Maximum viscosity (mPAS):                      | 50000                                           |
| Maximum output power of the mixing shaft:      | 130W                                            |
| rotary speed control :                         | Stepless speed adjustment via knob              |
| Speed setting accuracy (RPM):                  | ±1                                              |
| Stirrer fixation:                              | Rotating chuck                                  |
| Minimum diameter range of the chuck:           | 0.5-10mm                                        |
| Inner diameter of hollow shaft:                | 11mm                                            |
| Stent fixation:                                | Extended arm chuck fixation                     |
| Shell material:                                | Aluminum casting coating                        |
| Overall dimensions (W x D x H: mm)             | 188X78X208                                      |
| Operating ambient temperature :                | 5-40°C                                          |
| Supply voltage :                               | 24V                                             |
| Protection Level:                              | IP54                                            |
| Total weight:                                  | 2.5kg                                           |
| Appendix                                       | Power cord, instruction manual, stirring paddle |

Note: Performance parameter tests were conducted under no-load conditions with an ambient temperature of 25°C and humidity of 55%.

## Overhead Stirrer

### YOS-60Pro

#### Product Features

- The set and actual values of LCD display rotation speed, along with the set time;
- Equipped with a high-power brushless DC motor, featuring long service life and high rotational speed;
- Real-time digital display of rotational speed, with additional knob buttons for simple and convenient operation.
- You can set forward or reverse operation;
- Overload protection and motor protection: automatically cuts off the circuit and triggers an alarm when overload, short circuit, or abnormal speed conditions occur.
- Enabling the operational safety self-diagnosis function displays fault information for easy identification of the fault location.



## Technical Parameters

| Model                                          | YOS-60Pro                                       |
|------------------------------------------------|-------------------------------------------------|
| Large mixing volume:                           | 40L                                             |
| Motor output power:                            | 130W                                            |
| Any power-generating or power-driven machine : | Brushless DC motor                              |
| Display type :                                 | LCD LCD                                         |
| RPM range:                                     | 30-2000                                         |
| Maximum viscosity (mPAS):                      | 50000                                           |
| Maximum output power of the mixing shaft:      | 130W                                            |
| rotary speed control :                         | Stepless speed adjustment via knob              |
| Speed setting accuracy (RPM):                  | ±1                                              |
| Stirrer fixation:                              | Rotating chuck                                  |
| Minimum diameter range of the chuck:           | 0.5-10mm                                        |
| Inner diameter of hollow shaft:                | 11mm                                            |
| Stent fixation:                                | Extended arm chuck fixation                     |
| Shell material:                                | Aluminum casting coating                        |
| Overall dimensions (W x D x H):                | 188X78X208                                      |
| Operating ambient temperature :                | 5-40°C                                          |
| Supply voltage :                               | 24V                                             |
| Protection Level:                              | IP54                                            |
| Total weight:                                  | 2.5kg                                           |
| Appendix                                       | Power cord, instruction manual, stirring paddle |

Note: Performance parameter tests were conducted under no-load conditions with an ambient temperature of 25°C and humidity of 55%.



# Ультразвуковой очиститель

## Ultrasonic Cleaner

### HUC Series

#### ➤ Product Features

- The SUS304 stainless steel inner groove is integrally formed, offering excellent waterproof performance.
- The entire unit exhibits strong corrosion resistance, with an integral bent shell design and high load-bearing capacity.
- The high-performance seismic head exhibits stable performance, effective cleaning capability, and extended service life.
- The LCD display with backlight and integrated operation panel simplify experimental procedures.
- The temperature is adjustable, with a range from room temperature to 80°C.
- The entire series comes standard with a timer function, with a range of 0–60 minutes.
- The degassing function enhances cleaning efficiency while preventing product oxidation.
- The application scope is extensive, covering industries such as machinery, electronics, pharmaceuticals, optics, and education.



## Technical Parameters

| Number/Type                | HUC-2H                | HUC-3H      | HUC-6H      | HUC-10H     | HUC-15H     | HUC-20H     | HUC-30H     |
|----------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Tank capacity              | 2L                    | 3L          | 6L          | 10L         | 15L         | 20L         | 28L         |
| Service frequency          | 40kHz                 |             |             |             |             |             |             |
| Number of transducers      | 1                     | 2           | 3           | 4           | 6           | 6           | 8           |
| Time Range                 | 0-60min               |             |             |             |             |             |             |
| Temperature can be set     | Roomtemperature:-80°C |             |             |             |             |             |             |
| Ultrasonic power           | 60W                   | 120W        | 180W        | 240W        | 360W        | 360W        | 480W        |
| Heat                       | have                  |             |             |             |             |             |             |
| Deaeration function        | have                  |             |             |             |             |             |             |
| Draw off valve             | Not have              |             |             |             | Have        |             |             |
| Shake hands                | Not have              |             |             |             | Have        |             |             |
| Inner groove dimension(mm) | 150*138*100           | 238*138*100 | 302*152*150 | 302*239*150 | 325*295*150 | 498*296*150 | 502*298*200 |
| Outline dimension(mm)      | 161*149*217           | 251*149*217 | 311*161*272 | 308*248*315 | 335*305*315 | 510*308*343 | 510*308*343 |