# Overhead Stirrer

## Technical Parameters:

| Model | OS20-H | OS40-H | OS60-H | OS100-H |
|---|---|---|---|---|
| Set No | 1003001002 | 1003002002 | 1003003002 | 1003014005 |
| Input Voltage | 100~240 | 100~240 | 100~240 | 100~240 |
| Output Voltage (V) | 24 | 24 | 24 | 36 |
| Frequency(Hz) | 50~60 | 50~60 | 50~60 | 50~60 |
| Capacity(L) | 20 | 40 | 60 | 100 |
| Speed Range(rpm) | 30~2200 | 30~2200 | 30~2200 | 30-1600 |
| Speed Display | LCD | | | |
| Speed Accuracy(rpm) | ±1 | | | |
| Adjust Mode | Coarse and fine tuning | | | |
| Timer Range(min) | 1~9999 | | | |
| Time Display | LCD | | | |
| Max Torque(N.cm) | 40 | 60 | 80 | 100 |
| Max Viscosity(mpas) | 10000 | 50000 | 80000 | 100000 |
| Input Power(W) | 60 | 120 | 160 | 400 |
| Output Power(W) | 50 | 100 | 150 | 200 |
| Protect Class | IP42 | | | |
| Motor Protection | Display failure automatic stop | | | |
| Overload Protection | Display failure automatic stop | | | |
| Safety Protection | Chuck Protector + Anti-Slip Pad | | | |
| Ambient Temperature(°C) | 5~40 | | | |
| Ambient Humidity(%) | 80 | | | |
| Package Size(mm) | 803*400*140 | | | |
| Gross Weight (kg) | 12.4 | 12.5 | 12.5 | 13.1 |
| Remarks | 1003001002 OS20-H set includes: 1. OS20-H host 10003001001 2. Tablet stand set 20030130 (single hole square fixed head)/20030012 (cross buckle fixed head) 3. Four-blade stainless steel mixing paddle 20030001 | 1003002002 OS40-H set includes: 1. OS40-H host 1003002001 2. Tablet stand set 20030130 (single hole square fixed head)/20030012 (cross buckle fixed head) 3. Four-blade stainless steel mixing paddle 20030001 | 1003003002 OS60-H set includes: 1. OS60-H host 1003003002 2. Tablet stand set 20030130(single hole square fixed head) /20030012 (cross buckle fixed head) 3. Four-blade stainless steel mixing paddle 20030001 | 1003014005 OS100-H set includes: 1. OS100-H host 1003014001 2. Tablet stand set 20030130(single hole square fixed head) /20030012 (cross buckle fixed head) 3. Four-blade stainless steel mixing paddle 20030001 |

## Application:

For solid-liquid, liquid-liquid or medium high viscosity sample mixing; Mainly used in scientific research, medicine, chemical, petrochemical, cosmetics, food, biological and other fields.

## Features:

* LCD display, speed and time can be coarsely adjusted, in the working state can also be fine tuning the working time.
* The rotating speed is 30-2200rpm, can fixer or controlled for high and low speed.
* Using DC brushless motor, can run safely for a long time with excellent performance.
* Overload and motor protection. In case of overload, short circuit or abnormal condition, the circuit will be automatically cut off and alarm will be given to ensure the safety of the experiment.
* Equipped with the agitator hole, no need to adjust the installation height of the instrument, just adjust the installation position of the stirring rod.
* The torque can be adjusted automatically according to the viscosity change of the sample, which is convenient for experimental operation.
* A variety of stirring paddle, bracket optional.