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Product Brochure



RESEARCH EQUIPMENT

Multi station magnetic stirrer

CLJ

Multi station magnetic stirrer for mixing and heating low viscosity liquids and solid-liquid mixtures. Designed for labs, universities, environmental, chemical, biological, and pharmaceutical research.

<https://www.planetaryballmills.com/products/research-equipment/multi-station-magnetic-stirrer.html>



— TENCAN POWDER —

Product Overview

Multi station magnetic stirrer for mixing and heating low viscosity liquids and solid-liquid mixtures. Designed for labs, universities, environmental, chemical, biological, and pharmaceutical research.



Heating Multi-Position Magnetic Stirrer

CLJ-6SG

Brushless DC Motor, Stable Operation
Each Position Independently Controlled

PTFE Heating Plate
Accurate Temperature Control, Large LCD Display



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Product Introduction

The electromagnetic induction multi-station mixer has a wide range of product models to meet different experimental needs.; It is often used to stir or simultaneously heat and stir low-viscosity liquids or solid-liquid mixtures. It is specially developed and designed for universities, scientific research, environmental protection, chemical industry, biology, pharmaceutical and other industries.

Stirring Series

Three Specifications Available



Single-Row Four-Position
CLJ-4G



Double-Row Four-Position
CLJ-4SG



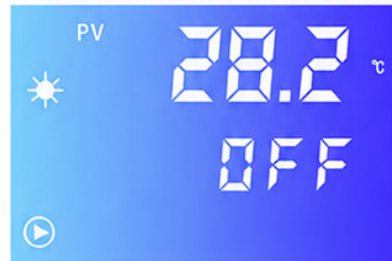
Double-Row Six-Position
CLJ-6SG

Stirring Series

Product Features

Large LCD Display

Easy to monitor,
simple to operate



PTFE Heating Plate

Corrosion-resistant,
heats evenly

Temperature Probe & Holder

The holder is a
self-developed product



Self-Developed Knob

Enhances
user experience

Technical parameters

| model | CLJ-4G | CLJ-4SG | CLJ-6SG |
|----------------------------------|-----------------------|-----------------------|-----------------------|
| power supply | AC220 50/60HZ | AC220 50/60HZ | AC220 50/60HZ |
| NoiseDB | 27 | 27 | 27 |
| Mixing station | 4 | 4 | 6 |
| Display mode | LCD | LCD | LCD |
| Display function | temperature, speed | temperature, speed | temperature, speed |
| control mode | Independent operation | Independent operation | Independent operation |
| Arrangement | Single row 1*4 | Double row 2*2 | Double row 2*3 |
| Speed rangeRMM/MIN | 50~2000 | 50~2000 | 50~2000 |
| Temperature control range °C | RT+5~160 | RT+5~160 | RT+5~160 |
| Temperature control accuracy °C | ±1 | ±1 | ±1 |
| Heating plate temperature °C | 320 | 320 | 320 |
| Work station spacing MM | 31~176 | 31~176 | 31~176 |
| Standard stirrer MM | (7*27+9*25+8*45)*4 | (7*27+9*25+8*45)*4 | (7*27+9*25+8*45)*4 |
| Unit mixing volume L | 10*4 | 10*4 | 10*4 |
| Unit motor power W | 10 | 10 | 10 |
| Unit heating power W | 350 | 350 | 350 |
| allowable ambient temperature °C | 5~40 | 5~40 | 5~40 |
| Allowable relative humidity % | 80 | 80 | 80 |
| Instrument sizeMM | 713*290*110 | 528*363*121 | 539*530*131 |
| Packing sizeMM | 820*395*220 | 629*463*221 | 639*629*221 |
| Net weightKG | 10 | 10 | 15 |
| Gross weightKG | 12.8 | 12.8 | 19.2 |

Product Features

- 100~240V wide voltage design, wide application range;
- With time setting function, the timing range is adjustable from 1 to 5999 minutes. The high-quality anti-slip foot pads are close to the experimental table without gaps and operate smoothly.;
- IP64 protection level, providing all-round and angle splash and waterproof protection;
- Each station operates 100% synchronously to ensure the consistency of the sample operating environment. Double-knob design, adjustable time and speed, good starting performance, and wide speed adjustment range;
- Made of 316 stainless steel, it is strong, corrosion-resistant and has excellent high-temperature resistance.;
- Brushless DC motor drive, low noise, low maintenance, maintenance-free and long service life;
- The LCD screen displays the speed and time in real time, the data is intuitive and the reading is more accurate.;
- The standard stirrer has strong magnetic force, remarkable stirring effect, and large stirring capacity in a single station.;
- Using electromagnetic induction drive technology, the speed can be set from 50 to 2000rpm, and it can run smoothly even at low speeds.

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.