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Product Brochure



RESEARCH EQUIPMENT

Multi station magnetic stirrer

CLJ

Multi-station magnetic stirrer for heating and stirring low-viscosity liquids and solid-liquid mixtures. Designed for labs, research, environmental, chemical, bio, and pharmaceutical industries.

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

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Product Overview

Multi-station magnetic stirrer for heating and stirring low-viscosity liquids and solid-liquid mixtures. Designed for labs, research, environmental, chemical, bio, and pharmaceutical industries.



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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Single-Row 4-Position
Heating Magnetic Stirrer

HMS-4G



Double-Row 4-Position
Heating Magnetic Stirrer

HMS-4SG



Double-Row 6-Position
Heating Magnetic Stirrer

HMS-6SG

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.