

LABORATORY

Digital High-Speed Dispersion Homogenizer

Application in different fields



Medicine Biochemistry Food and drinks Make ups

Company Information

Guangzhou Yalian is a large-scale company specialized in design, manufacturing, installation and commissioning of daily chemical, chemical, food and pharmaceutical machinery, as well as water treatment equipment. With powerful technical strength, complete inspection facilities, unique and advanced technique as well as great varieties of products, the enterprise strictly implements ISO9001 standard management.



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Digital high-speed
dispersion homogenizer

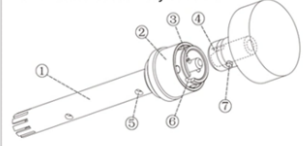
Different Models Parameters

Model	YFJ200	YFJ200-SH	YFJ300-SH
Voltage	AC220V50HZ		
Input Power	280W	280W	510W
Output power	200W	200W	300W
Working mode	Intermittent		
Speed range	300-23000rpm	300-23000rpm	300-18000rpm
Working heads thickness	Φ12Φ18	Φ12Φ18	Φ28Φ36
Mixing capacity	2-1500ml	2-1500ml	500-13000ml
Exterior Dimension	250*350*600mm		

Working Heads parameters

Heads	12G	18G	28G	36G
Capacity	30-800ml	50-1500ml	100-8000ml	150-13000ml
Suitable viscosity	1000mpa.s	2000mpa.s	6000mpa.s	7000mpa.s
Rotor line speed	11s/m	15s/m	19s/m	27s/m
Immersion in liquid height	25/85mm	30/120mm	60/155mm	60/160mm
Stator diameter	φ12	φ18	φ28	φ36
Working head length	150mm	190mm	235mm	240mm
Operating temperature	120°C			
Work head material	SS304			
Working head bearing material	PTEE			

Work head disassembly scheme



Copper coil motor

The copper wire has less resistance than the aluminum wire, and the conductive performance is stronger. At the same time, the copper wire has lower heat generation, long life, and reduced energy loss, so that the power source of the motor is continuously output.



01

Securing clip

Flexible Securing clip, height adjustable



02

Stirring head

Made of stainless steel, it is not easy to corrode, and the mixing performance is high. Fortunately, it meets the different needs of the laboratory



03

Stainless steel column

Each product is equipped with stainless steel columns, which are not easy to rust, durable and easy to clean



04

Aluminum metal case

Ensure mechanical precision for long-lasting use; ensure electrical performance for continuous use; ensure stable operating conditions and low noise

