

FY-10L

10L Glass Liquid Separator

Features and Technical Parameters

Description:

According to the actual needs of the majority of biopharmaceutical development companies, the glass dispenser is an improved derivative product developed on the basis of the existing single-layer glass reactor. It is mainly used for liquid-liquid extraction and can also be used for reactions at room temperature.

The glass separator (extraction separator) is used to mix various materials for chemical or physical reaction, and then separate and extract the newly generated materials according to the different specific gravity. This equipment can provide a fast and uniform reaction/collection effect under vacuum. According to the needs of use, this machine can also be used as a separate liquid separator or a conventional reactor.

Feature:

1. The frame-type main body is made of aluminum alloy + stainless steel.
2. The whole set of glass is made of GG17 high borosilicate glass + PTFE discharge valve, discharge side without liquid.
3. Low-speed power-increasing motor, electronic stepless speed regulation, fine-tuning by twisting, digital display of speed, safe and stable, and can work continuously.
4. The stirring system adopts ceramic bearings and mechanical seals to prevent the stirring rod from being worn and chipped.

5. Crescent type stirring blade, 304 stainless steel + PTFE stirring blade; the stirring rod is made of 304 stainless steel, wrapped with PTFE tube.
6. There is a universal wheel with brake at the bottom of the machine, which can be moved as a whole and is easy to operate.
7. Fuse safety protection.

Product Picture



Pictures are for reference only, subject to actual availability.

Main Technical Parameters

Model	FY-10L	
Volume	10L spherical shape	
Volume/Frequency	220V 50Hz/110V 60Hz	
Motor power	90W1/3	
Rotating speed	0-450rpm/min	
Vacuum	0.098Mpa	
Kettle body Φ280m 4 ports	Stirring port	Φ80mm flange port
	Material feeding port	34# standard port
	Pressure relief port	34# standard port
	Discharging port	Φ80mm flange port
Stirring paddle	Φ17×600H(mm) blade 150mm	
Material feeding valve	34#standard plug valve, feeding valve (pagoda joint) with 12mm outer diameter	
Pressure relief valve	34#standard plug valve, releasing valve (pagoda joint) with 12mm outer diameter	
Material discharging port	Φ80mm flange, Φ33mm material discharging hole, oblique discharging port (pagoda joint) Φ34mm; 350mm from the ground	
Overall dimension(W*D*H)	530×440×1550mm	
Net weight	30KG	
Packing dimension	1250×560×580mm wooden package 0.4m ³	
Packing weight	51KG	

