

FISCO Reactor System

FLUKO®

Fisco lab reactors have a working capacity of 1 L, 2 L, 5 L and 10 L, suitable for dispersing, emulsifying, homogenizing, mixing, reacting, fermenting, cream perperating, polymerizing, and synthesis reacting under vacuum or pressurized conditions. Incorporating a macro mixing system, micro emulsifying system, vacuum system, temperature control system, and multi-sensor detecting system, they can fully simulate industrial production.





Order #	6831000	6832000	6835000
Model	Fisco-1SP	Fisco-2SP	Fisco-5SP
Power supply	220V, 50Hz	220V, 50Hz	220V, 50Hz
Minimum mixing capacity	300mL	500mL	1000mL
Minimum emulsifying capacity	600mL	1000mL	2000mL
Maximum emulsifying capacity	1000mL	2000mL	5000mL
Maximum working temperature	120°C	120°C	120°C
Vacuum condition	-0.096MPa	-0.096MPa	-0.096MPa
Maximum working viscosity	100,000cP(appropriately increased according to demand)	100,000cP(appropriately increased according to demand)	100,000cP(appropriately increased according to demand)
Mixer motor power	220W	220W	220W
Mixer speed range	8-330rpm	8-330rpm	8-330rpm
Standard mixer agitator	Anchor ribbon agitator with scrapper	Anchor ribbon agitator with scrapper	Anchor ribbon agitator with scrapper
Scrapper material	PTFE	PTFE	PTFE
Homogenizer motor power	650W	650W	650W
Homogenizer speed range	2000-26000rpm	2000-26000rpm	2000-26000rpm
Standard homogenizer agitator	S20DG	S20DG	S25DG5S
Openings on cover	Homogenizer opening with hopper opening thermometer opening, vacuum opening, 3 spare opening	Homogenizer opening with hopper opening thermometer opening, vacuum opening, 3 spare opening	Homogenizer opening with hopper opening thermometer opening, vacuum opening, 3 spare opening
Lifting height	250	250	300
Medium-contact material	SIC, SS316L, borosilicate glass, FKM, PTFE	SIC, SS316L, borosilicate glass, FKM, PTFE	SIC, SS316L, borosilicate glass, FKM, PTFE
Outer diameter of vacuum opening	10	10	10
Jacket inlet/outlet size	12	12	12
Permissible temperature range	5-40°C	5-40°C	5-40°C
Permissible humidity range	80%	80%	80%
Overall dimensions	470×420×1200	470×420×1200	470×420×1200
Weight	~35kg	~37kg	~42kg

Note: When the lifting module is in operation, the stirrer must be stopped!

Biology
Pharmacy

Food

Daily Care

Chemical
Industry

New
Material



FLUKO EQUIPMENT SHANGHAI CO., LTD.
#21-22 NO. 300, Shunda Road, Jiading, 201802, Shanghai, China
Phone +86 21 230 993 68, Fax +86 21 510 103 68
sales@fluko.com, www.fluko.com