

FISCO Reactor System

FLUKO®

Fisco-HP Reactor System has working capacity of 1L, 2L, suitable for dispersing, emulsifying, homogenizing, mixing under vacuum or pressure conditions. It can be equipped with various of high-efficiency macro mixers, high shear dispersing emulsifiers, reliable vacuum sealing system and temperature control system. A variety of sensor detection systems can simulate industrial production in a laboratory environment. For materials with high viscosity such as creams and polymers, Fisco-H series vessels can be tilted at 120° to facilitate the overall discharge.





Order #	6815001	6815002
Model	Fisco-1HP	Fisco-2HP
Power supply	220V, 50Hz	220V, 50Hz
Minimum mixing capacity	300mL	500mL
Minimum emulsifying capacity	600mL	1000mL
Maximum emulsifying capacity	1000mL	2000mL
Maximum working temperature	120°C	120°C
Vacuum condition	-0.096MPa	-0.096MPa
Maximum working viscosity	100,000cP(appropriately increased according to demand)	100,000cP(appropriately increased according to demand)
Mixer motor power	220W	220W
Mixer speed range	8-330rpm	8-330rpm
Standard mixer agitator	Anchor ribbon agitator with scrapper	Anchor ribbon agitator with scrapper
Scraper material	PTFE	PTFE
Homogenizer motor power	650W	650W
Homogenizer speed range	2000-26000rpm	2000-26000rpm
Standard homogenizer agitator	S20DG	S20DG
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
Lifting height	270	270
Medium-contact material	SIC, SS316L, borosilicate glass, FKM, PTFE	SIC, SS316L, borosilicate glass, FKM, PTFE
Outer diameter of vacuum opening	10	10
Jacket inlet/outlet size	12	12
Permissible temperature range	5-40°C	5-40°C
Permissible humidity range	80%	80%
Overall dimensions	480×420×1160	480×420×1160
Weight	~35kg	~37kg

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

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Material



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