

EU50 pro Electric Stirrer

FLUKO®

EU50 pro multi-function electric stirrer is suitable for mixing liquids of varying viscosity in the laboratory. With new brushless motor and control chip, including function of strong mixing, timing control, speed memory and automatic adjustment, speed and torque dynamic curve display, temperature measurement and display, torque compensation etc. Sensitive touch button and one-button shuttle button, which makes the operation easier. This model can be equipped with host computer and data connection function, which can be easily integrated into modules and systems to meet diverse research and development needs.

Multi-function

It has the functions of timing switch, forward and reverse rotation of the spindle, speed memory, torque display, temperature measurement, data output, data connection, etc.

Excellent performance

Stable operation with the strong power, processing maximum of capacity 30L, maximum output torque 50N·cm.

Safe and reliable

The motor has functions such as overheat protection, overload protection, dumping shutdown protection, etc.

- TFT LCD display
- Programmable function
- Penetrating stirrer
- Data external function
- Overload protection

- Timing operation
- Torque dynamic measurement
- Temperature measurement
- Silent operation



Optional self-locking
chuck is available



Optional for gas spring bracket
(desktop type)



Optional for gas spring bracket
(floor type)

Order

Motor power	150W
Power supply	200~240V, 50/60Hz
Maximum working capacity(H ₂ O)	30L
Maximum working viscosity	40000cP
Speed range	30~2000rpm
Timing range	0~6000mins
Speed memory	Yes
Speed control	Stepless speed regulation
Precise speed control	1rpm
Speed display	Digital display
Maximum output torque	50N·cm
Shaft length	Adjustable
Standard dispersing agitator	Four blade agitator
Standard agitator material	SS316L
Agitator fixation	Drill chuck
Clench diameter range	0.5~10mm
Forward and reverse rotation switching	Yes
Button lock	Yes
Button dynamic monitoring and display	Yes
Speed dynamic detection and display	Yes
Host computer and data connection	Yes (software EU control for optional)
Intermittent control	Yes (software EU control for optional)
Dumping protection	Yes (automatic shutdown at 30 degrees tilt)
Temperature measurement function	Yes
External temperature sensor	PT1000 (for optional)
Temperature measurement range	-50~400°C
Temperature Measurement Accuracy	0.15+0.002 t °C
Temperature display function	Yes
Overheat protection	75°C
Working temperature	5~40°C
Allowable relative humidity	80%
Working frame, Base	Standard(Optional for gas spring bracket)
Class of protection	IP30
Communication interface	DB-9/USB-Type c
Shell material	Aluminium alloy
Package size	220x350x720
Weight	~5.9kg
Package	Carton

Optional Agitators

					
Four-blade Agitator	Paddle Agitator	Three-blade Agitator	Anchor Agitator	Dissolving Agitator	PTFE Coating Crescent Agitator
					
Centrifugal Agitator	Eustar Hollow Agitator	Fold Impeller Agitator	Flat Impeller Agitator	Cage Agitator	Fold Impeller Turbine Agitator
					
Bularking Agitator	Flat Impeller Turbine Agitator	Propeller Agitator	Cellular Agitator	Planetary Agitator	Fold Impeller with Disc Turbine Agitator
					
Snake-shape Agitator	Turbine Agitator	Kneading Agitator	Anti-foam Agitator	Ribbon Screw Agitator	High-efficiency High-flowrate Agitator
					
MIG Agitator	Three-blade Bend Agitator	Frame Paddle Agitator	Screw Agitator	Frame-shape Agitator	Anchor Ribbon Screw Agitator
					
Bend Impeller Turbine Agitator	High-efficiency Low-consumption Agitator	Flat Impeller with Disc Turbine Agitator	Bend Impeller with Disc Turbine Agitator		
					
EF37A	EF37B	EF37C			

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