

EU30 pro+EU50 pro+EU70 pro EU110 pro Electric Stirrer

FLUKO®

EU Pro series 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.

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 for gas spring bracket
(desktop type)



Optional for gas spring bracket
(floor type)

EU30 pro+EU50 pro+EU70 pro EU110 pro Electric Stirrer

Order #	50010	50020	50030	50040
Model	EU30 pro	EU50 pro	EU70 pro	EU110 pro
Motor power	100W	150W	205W	210W
Power supply	200~240V, 50/60Hz	200~240V, 50/60Hz	200~240V, 50/60Hz	200~240V, 50/60Hz
Maximum working capacity(H ₂ O)	20L	30L	50L	100L
Maximum working viscosity	20000cP	40000cP	60000cP	80000cP
Speed range	30~2000rpm	30~2000rpm	30~2000rpm	30~1300rpm
Timing range	0-6000mins	0-6000mins	0-6000mins	0-6000mins
Speed memory	Yes	Yes	Yes	Yes
Speed control	Stepless speed regulation	Stepless speed regulation	Stepless speed regulation	Stepless speed regulation
Precise speed control	1rpm	1rpm	1rpm	1rpm
Speed display	Digital display	Digital display	Digital display	Digital display
Maximum output torque	30N·cm	50N·cm	70N·cm	110N·cm
Shaft length	Adjustable	Adjustable	Adjustable	Adjustable
Standard dispersing agitator	Four blade agitator	Four blade agitator	Four blade agitator	Four blade agitator
Standard agitator material	SS316L	SS316L	SS316L	SS316L
Agitator fixation	Drill chuck	Drill chuck	Drill chuck	Drill chuck
Clench diameter range	0.5~10mm	0.5~10mm	0.5~10mm	0.5~10mm
Forward and reverse rotation switching	Yes	Yes	Yes	Yes
Button lock	Yes	Yes	Yes	Yes
Button dynamic monitoring and display	Yes	Yes	Yes	Yes
Speed dynamic detection and display	Yes	Yes	Yes	Yes
Host computer and data connection	Yes (software EU control for optional)	Yes (software EU control for optional)	Yes (software EU control for optional)	Yes (software EU control for optional)
Intermittent control	Yes (software EU control for optional)	Yes (software EU control for optional)	Yes (software EU control for optional)	Yes (software EU control for optional)
Dumping protection	Yes (automatic shutdown at 30 degrees tilt)	Yes (automatic shutdown at 30 degrees tilt)	Yes (automatic shutdown at 30 degrees tilt)	Yes (automatic shutdown at 30 degrees tilt)
Temperature measurement function	Yes	Yes	Yes	Yes
External temperature sensor	PT1000 (for optional)	PT1000 (for optional)	PT1000 (for optional)	PT1000 (for optional)
Temperature measurement range	-50~400°C	-50~400°C	-50~400°C	-50~400°C
Temperature Measurement Accuracy	0.15+0.002 t °C	0.15+0.002 t °C	0.15+0.002 t °C	0.15+0.002 t °C
Temperature display function	Yes	Yes	Yes	Yes
Overheat protection	75°C	75°C	75°C	75°C
Working temperature	5~40°C	5~40°C	5~40°C	5~40°C
Allowable relative humidity	80%	80%	80%	80%
Working frame, Base	Standard(Optional for gas spring bracket)	Standard(Optional for gas spring bracket)	Standard(Optional for gas spring bracket)	Standard(Optional for gas spring bracket)
Class of protection	IP30	IP30	IP30	IP30
Communication interface	DB-9/USB-Type c	DB-9/USB-Type c	DB-9/USB-Type c	DB-9/USB-Type c
Shell material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Package size	220x350x720	220x350x720	220x350x720	220x350x720
Weight	~5.9kg	~5.9kg	~5.9kg	~5.9kg
Package	Carton	Carton	Carton	Carton

Biology
Pharmacy

Food

Daily Care

Chemical
Industry

New
Material

