

ER60 pro

High-torque electric stirrer

FLUKO®

ER60 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 50L, maximum output torque 320N·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 for gas spring bracket
(desktop type)



Optional for gas spring bracket
(floor type)

Order #	50050
Power supply	200~240V, 50/60Hz
Motor	Brushless DC motor
Maximum working capacity(H ₂ O)	50L
Maximum working viscosity	100000cP
Speed range	8~330rpm
Timing range	0~6000mins
Speed control	Stepless shuttle speed regulation
Precise speed control	1rpm
Speed display	TFT color LCD
Speed dynamic detection and display	Yes
Button dynamic monitoring and display	Yes
Maximum output torque	320N·cm
Shaft length	Adjustable
Standard dispersing agitator	Anchor Agitator
Standard agitator material	SS316L
Agitator fixation	Drill chuck
Clench diameter range	0.5~10mm
Forward and reverse rotation switching	Yes
Dumping protection	Yes (automatic shutdown at 30 degrees tilt)
External temperature sensor	PT1000
Temperature measurement range	-50~300℃
Dynamic temperature monitoring and display	Yes
Temperature Measurement Accuracy	0.1℃
Button lock and display	Yes
Host computer and data connection	Yes
Intermittent control	Yes (Flukolabsoft)
Interval program save and load	Yes
Working temperature	5~40℃
Allowable relative humidity	80%
Overheat protection	75℃
Class of protection	IP30
Fault display	Yes
USB port	DB-9、USB Type-C
Communication protocol	RS485
PC software	Flukolabsoft (Wired or Bluetooth connection)
Shell material	Aluminium alloy
Package size	110x220x235
Weight	~5.9kg
Package	Carton

Optional Agitators



Anchor
Agitator



Frame Paddle
Agitator



Ribbon Screw
Agitator



Anchor Ribbon
Screw Agitator

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