CHAO PU S-Style Energy - Efficient Motors User Manual

一、Installation For Control Panel



	name	Manual
	Display area	Parameter and Display
	Indicator light	 Up stop indicator light  Down stop indicator light
	P - key	Function entry key
	+/- key	Function conversion and speed addition and subtraction key
	S - key	Confirm key
	LED light	Head lamp

二、Each key purpose:

1、Function of "P"key

First function key: "P"key for upper /lower stop needle position and needle position is freedom .Press "P"key,if up pinhole lamp lights means it's up stop needle ,if down pinhole lamp lights means that it is down stop needle,if two lamps off means position is freedom.

Second function key: Function Enter button(below to enter the parameter method of operation)

2、Function of "S"key

First function key: "S"key for off on the head lamp.Press "S"key the lamp lights,if don't do it is turn off.

Second function key: Function Enter button(below to enter the parameter method of operation)

3、Function of "+"、"-" key

First function key: Speed adjustment setting .

Second function key: Enter the parameter method of operation.

三、Restore factory setting

Restore factory settings: Press the "P"key no leave,and press the "+"key,the screen will display the P-00,then Press "S"key 3 seconds (If it is short press, then exit the setting).

四、Commonly used parameter setting

Press the "P"key no leave,and press the "+"key, the screen will display the P-00 to P-20(User interface)

The serial number	Parameters name	The Parameters name	Adjusting rang	The factory reset settings	Remark
1	P-02	Direction of rotation	0 is reverse turn needle 1 is clockwise turn	1	
2	P-05	set up the motor starting mode	L/P/F/H	H	L-Slow speed P-Normal F-Make it quick H-Fastest
3	P-06			None	
4	P-10			None	
5	P-11			None	
6	P-12			None	

Press the “P”key no leave,and press the “-”key, Long Press 5 seconds to achieve P-21 to P-26

The serial number	Parameters name	The Parameters name	Adjusting rang	The factory reset settings	Remark
1	P-21	Maximum speed lock	200 - 6500RPM	4500RPM	
2	P-22	Direct drive/ Hanging down type	BF:Direct drive/ PF:Hanging down type	BF	
3	P-23	set up the pole logarithm of the motor		4P	
4	P-24	Maximum current limiting	P - Norma/ H - Intensifies il	H	
5	P-25			None	
6	P-26			None	

五、Common faults and treatments

The serial number	Error code	Cause of failure	Fault handling
1	Er01	Needle stoppage	Check the needle holder interface is good, whether there is a needle position signal.
2	Er02	Speed control failure	Check the speed control interface is in good condition.
3	Er03	HALL signal failure	Check whether the motor interface is in good condition, or replace the motor or controller.
4	Er04	locked-rotor protection	Check whether the motor interface is good, or whether the motor load is excessive.
5	Er05	Over-current protection	Check whether the motor interface is good, or replace the control box.
6	Er07	None	
7		No display ,The switch lights come on.	1、Main board is broken. 2、The display screen and the main board connection line Contact is bad .