

# SL-30 Panel operation and wiring instructions

**Saturation indicator :**  
bright : Voltage stabilizer capacity and output voltage have reached the limit

**Lock indicator :**  
bright: Function settings are locked  
Extinction: Function setting is not locked

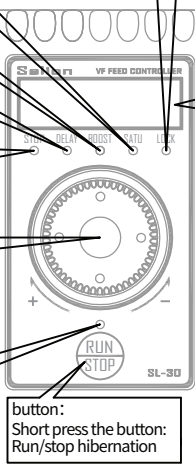
**Excitation indicator:**  
bright: Beat frequency resistance to the limit

**Delay indicator:**  
Flash: It is in delayed start stop state

**Stop Indicator:**  
bright: Stop state  
Extinction: Output status

**Knob:**  
Short press the knob: Switch "voltage / frequency".  
Long press the knob 0.8s: Enter or exit "function settings".  
Long press the knob 3s: Perform "lock/unlock".

**Running lights:**  
bright: On standby operation. At this point, the output is determined by the intelligent photoelectric switch or the external start stop port.  
Extinction: In hibernating downtime



Parameter setting description:

**U 125** Input voltage

**F 1300** Output frequency  
40.0-400.0Hz continuously adjustable

**dN 00** Open delay time  
0-99.9S open delay time can be set

**dF 00** Closing delay time  
0-99.9S delay can be set

**H9 06** Slow start time  
0.1-9.9S slow start time can be set

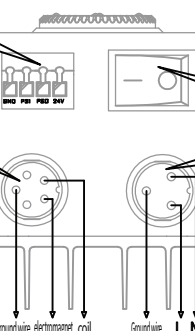
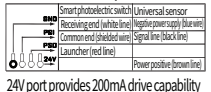
**9d 93** Photoelectric sensitivity  
A total of 99 sensitivity levels, the higher the value, the higher the sensitivity

**LC 00** Start stop logic setting  
Set the start stop logic relationship of intelligent photoelectric or external control signal

**UL 250** Voltage limit  
The upper limit of the output voltage can be set

Fault prompt description:  
**EC-0H** Overheat protection  
**EC-0L** Overload protection  
Short press on knob to unprotect

**External control port:**



**Output port:**  
To connect to the vibrating disc, make sure the ground wire is reliably connected.

Total power switch (double connection)

Power input port

## Precautions for use:

1. Please confirm whether the power input is AC205-250V
2. The ground wire must be reliably connected
3. After wiring, turn on the main power switch
4. Please avoid installing on a machine with excessive amplitude

## Troubleshooting:

- No display: confirm whether the power is on
- E-0H: Overheating protection. Install the controller in a ventilated place. If possible, install it on a metal machine table to facilitate heat dissipation.
- E-0L: Overload protection. Check whether the gap between electromagnet coil and armature is too large, whether the power of vibration disk matches the controller, and whether the output cable is short circuited

