

- Pathogenic materials processing must be done in closed vessels only.
- Ensure that the tip of the external temperature sensor is at least 5-10mm away from the bottom of the vessel.
- Always disconnect the main power supply after use.
- Make sure of the instrument and its accessories working condition every time before it's operation.
- Please use the accessories described in the “Accessories” chapter and running as the user manual to guarantee the safe operation. Accessories must be securely attached to the instrument and cannot come off by themselves.
- The manufacturer does not accept responsibility for any mishandling of the instrument and for any potential risk taken by the user.

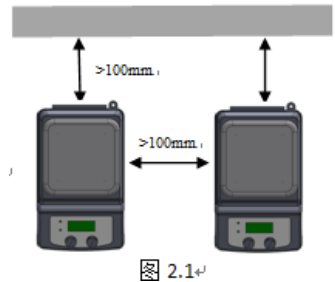
2. Specifications

2.1 Proper use

The instrument is designed for mixing and heating applications

- The altitude can't exceed 2000 meters.
- Environmental temperature between 10 °C to 40 °C
- Installation type: the product is to connect the indoor outlet.
- Voltage fluctuation is not more than $\pm 10\%$
- The distance from the other equipments and the wall should be more than 100mm.

This instrument is not suitable for using in residential areas or other constraints mentioned in Chapter 1.



2.2 Technical Parameters

Table 2.2

Items	SCI380HS-Pro	SCI380H-Pro	SCI6-Pro
Work plate dimension	140x140mm	140x140mm	140x140mm
Plate material	Aluminum with	Aluminum with	Aluminum with

	ceramic coating	ceramic coating	ceramic coating
Motor type	Brushless DC motor	Brushless DC motor	\
Motor rating input[W]	2.4	2.4	\
Motor rating output[W]	1.8	1.8	\
Power[W]	510	10	510
Heating Power[W]	500	\	500
Voltage	100-120/60Hz 200-240V/50Hz	100-240V 50/60Hz	100-120/60Hz 200-240/50Hz
Stirring positions	1	1	\
Max. stirring quantity(H2O) [L]	5	5	\
Max. magnetic bar[mm]	50	50	\
Speed range[rpm]	200-1500	200-1500	\
Speed display	LCD	LCD	\
Temperature display	LCD	\	LCD
Control accuracy of sensor[rpm]	±20rpm	±20rpm	\
Temperature range[°C]	Room temperature +5 - 380	\	Room temperature +5 - 380
Over temperature protection[°C]	420	\	420
Temperature display accuracy[°C]	±0.1	\	±0.1
External temp. sensor	PT1000 Accuracy ±0.5 °C	\	PT1000 Accuracy ±0.5 °C
IP Protection class	IP42	IP42	IP42
Dimensions[WxDxH][mm]	320*180*108	320*180*108	320*180*108
Weight[kg]	2.2	2.2	2.2
Permissible ambient temperature[°C]	5-40	5-40	5-40
Permissible relative humidity	80%RH	80%RH	