■ **Features**

●Adopt MCU controller, high stability.

●Standard panal DIN48*48

●LED display

●Simple to handle

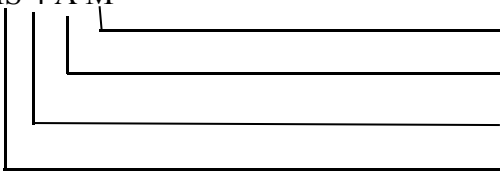
●Widely power supply 85~265VAC,

●Accumulated timing of UV lamp running-time

●UV irradiance low-alarm

■**Model Application**

CHS 4 A M



Monitor
Standard Model
48*48mm

■**Technical Parameter**

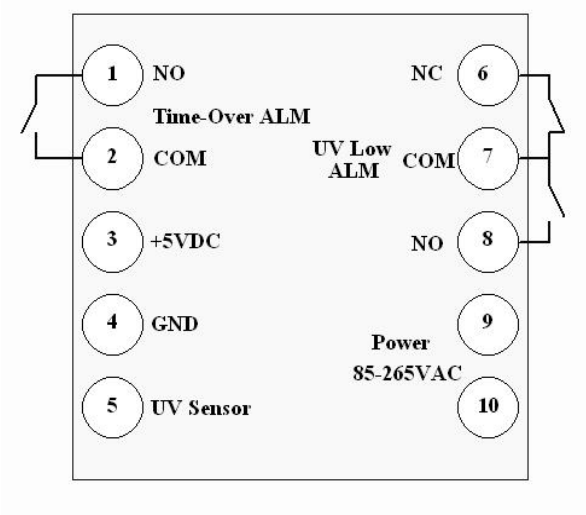
Measuring range：	0~19999uW/cm^2
Resolution：	±（0.2%FS±1bit）
Input：	0~5VDC
Output：	Passive Relay Output(NO)；(Contact capacity：250VAC 3A/30VDC 3A)
Display：	LED display
Power supply：	85～265VAC 50/60Hz
Power consumption：	≤3W
Installation：	Embeded
Frame dimension：	48mm*48mm*85mm
Mounting hole dimension：	45mm*45mm
Weight：	320g
Operating Temperature：	0～+50℃
Humidity：	35~85% RH

■**Safety Note**

●As UV Monitor is an electronic instrument,it should be installed and debugged by professional

●Power-down before installation

■**Wiring diagram**



Terminal	Name
1,2	Time-over alarm output
3,4,5	UV sensor signal input
6,7,8	UV-value low alarm output
9,10	Power supply

Sensor line VS Terminal：

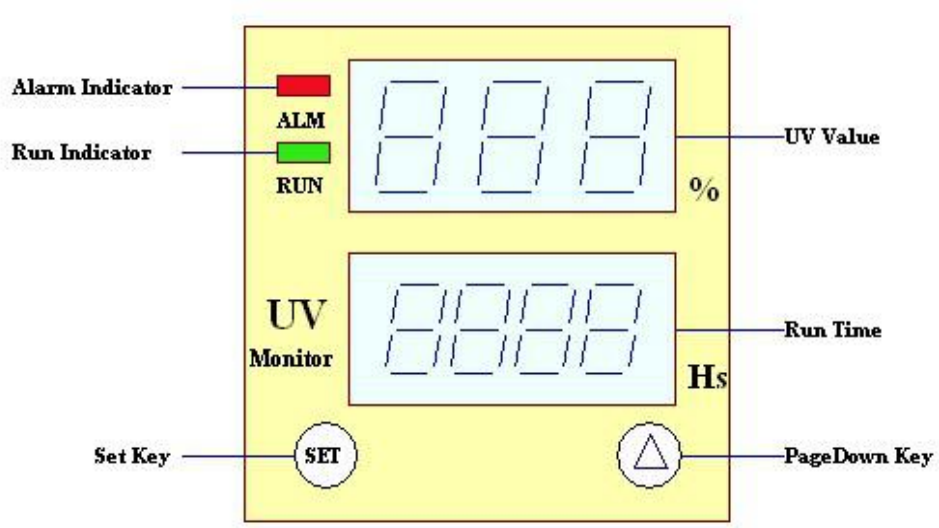
Blue：UV Sensor-5 Brown：5VDC-3 Black：GND-4

■**Setting**

Parameter Code	Name	Range	Application
C-01	UV-low alarm value	0~100%	According to the actual requirement ,set the low alarming value.When the actual value lower than this value ,the delay will operate.
C-02	UV lamp life time	0~9999Hours	According to the life-length the manufacture supply,set this value.When the light running-time over the life-length,the time-over alarm relay will operate.

■Operating Discription

1. Panal Instruction



Keys Function

Set Key: 1. 100% resetting and reset read-out to 0.
2. Parameter setting
3. Shifting the flash bit when setting the parameter

Pagedown Key: 1. Change the display page of the parameter
2. Increase the flashing bit.

Pageup Key: Press SET + △ together can enter or quit the parameter displaying page.

Operating steps and displaying pages:

Fig 2, Fig 3 is fault page of E-01 and E-02 problem.

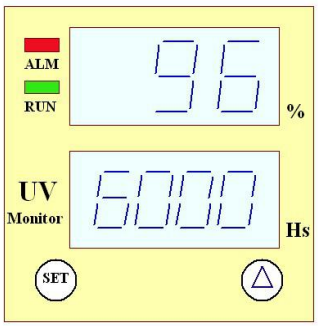


Fig 1

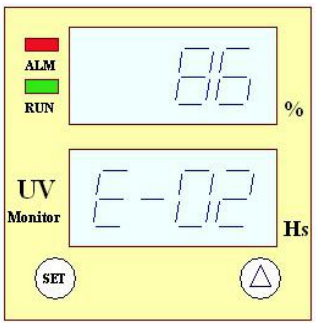


Fig 2

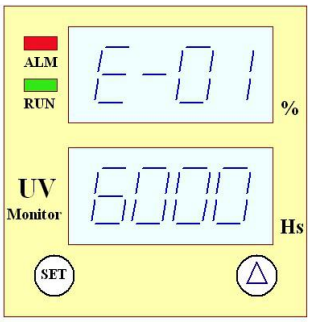


Fig 3

Steps of Resetting relative value to 100%

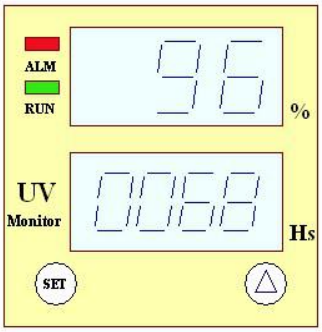
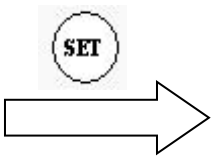


Fig 11



Press the set key last for 5sec.

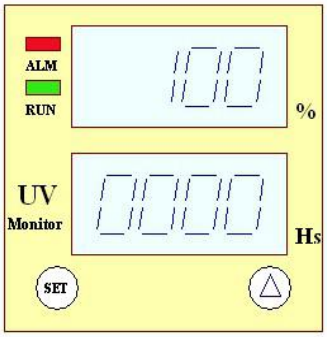


Fig 12

Setting steps for C-01

1.Press SET + △ , enter Fig 21 .

2.Press SET enter Fig 22 .and then Press the △ key can increase the flashing number.

3.Press SET again,it will appear Fig 23 , that flashing bit is shifted.

4.Press SET for 5 seconds until the flashing bit is fixed,the parameter will be memory.

5.Back from parameter setting： Press SET + △ together

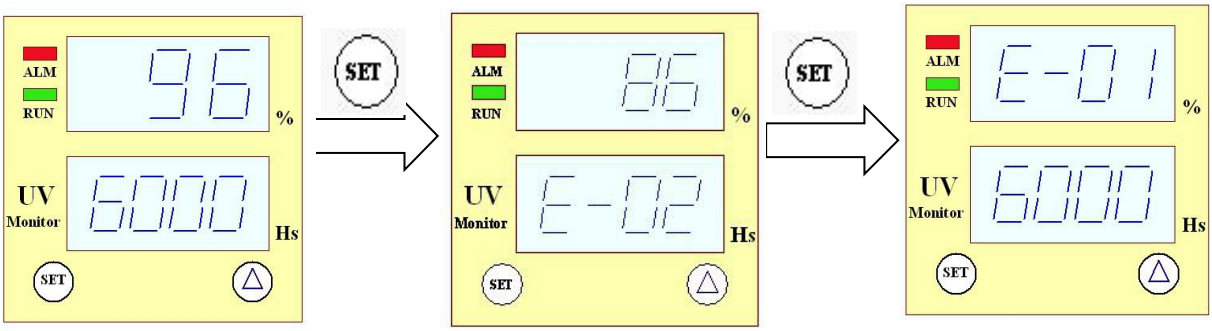


Fig 21 Fig 22 Fig 23

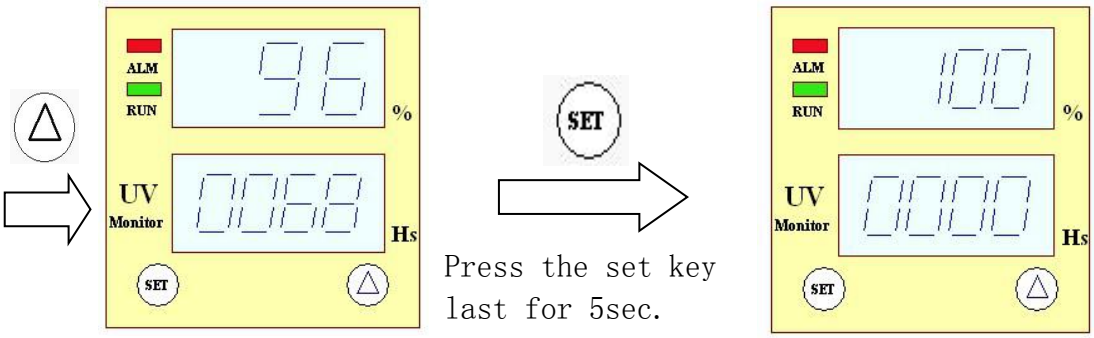


Fig 24 Fig 25

Setting steps for C-02 is same as above C-01 setting steps.

■Alarm codes instruction

Alarm code	Name	Application	Reason and solution
E-01	UV irradiance low alarm	When the UV relative value lower than the C-01 value, monitor will indicate the E-01,and the time-accumulator will stop working.	1.Quartz glass on the top of sensor is dirty. Cleaning it. 2.The irradiance of the lamp maybe weak,please replace the UV lamp.
E-02	Time-Over alarm	As the UV lamp running-time exceed to the life length value(can be set in the C-02) , monitor will indicate E-02.	Replace the lamp.