sisco

Digital Rarticle Counter

User's Manual

Ⅰ、Overview

SISCO-MKS-800 series handheld air particle counter is suitable for ISO class 6-9 controlled environment monitoring. Using semiconductor laser light source, LCD display, its small size, light weight, self-check quick check portable, simple operation. It is an ideal choice for monitoring the controlled environment and microenvironment, eliminating particle pollution faults, spot checking at key locations, and monitoring the generation of extremely small particles in process equipment or microenvironment.

Ⅱ、Important Tips

1、Before using the device, read the following details carefully and operate the device correctly according to the manual。

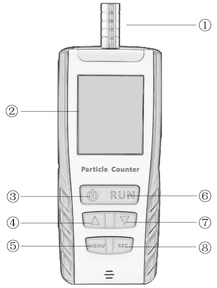
2. Do not disassemble the instrument or throw it into fire.

3, prevent the instrument from violent vibration and fall.

4. Do not let liquid flow into the instrument.

5. Do not open or use the device when the battery compartment is exposed.

Ⅲ、Product Introduction

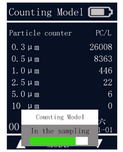


① Sampling Port
② LCD Monitor
③ Power button: Open key/return key
④ "On" button: Particle counting model
⑤ "MENU" button: Setting function Operations
⑥ "RUN" button: Test
⑦ "DOWN" button: Concentration test mode
⑧ "REC" button: Viewing historical Data

Ⅳ、Function Introduction

Long press the power button to enter the system page, and the standby time is about 5 seconds. Then jump into the dust particle counting mode. The diagram below.

After startup and preheating, directly enter the In dust counting mode, press "RUN" to enter the sampling process, as shown below.

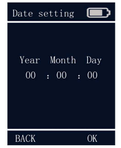


Press "RUN" to enter the sampling process, the test time is about 60s, and the screen value x 1000 (for example, 0.5 channel, the screen value is 8363 x 1000 =8363000).

Press the "Up and down" key to switch to the concentration test mode and enter the interface, as shown in the figure.

Press the MENU key to enter the system setting interface. Function operation as shown in the figure, select the corresponding function to set the operation. "Up" button/up function, "Down" button/down function. RUN is the confirm key.

Press REC to go to the history page. The function interface is as shown in the figure.



7、The machine is set in Two languages, Chinese and English, arbitrary switching. You can clear all stored records in one step.
If you need printing function, please contact customer service to arrange
Think that the printer function is not enabled.

Ⅴ、Parameter

Dimensions: 190×68.5×33mm (h × W × D)
Product quality: 220g
Concentration test: PM2.5/PM10
Output range: 0-1000ug/m3
Resolution: 1ug/m3
Particle size channel:
0.3/2.5/10 μm three grades of particles at the same time
Sampling method: manual
Sampling time: ≈60s
Traffic: 1.0 L/min
Working temperature: 0-50℃
Humidity: 10 to 90RH

Ⅵ、Power Supply

Built-in 3.7V Lithium Battery

Pleasy use a standard and safe⎓ 1000mA

Charger For Charging.

Prompt: The sampling air shall not contain acid, alkali and other corrosive gases。

Accessory

The current standard of clean room class is ISO14644-1; Clean space unit volume of air, using air and static test method, with the maximum concentration limit of particles greater than or equal to the particle size of the considered particle classification and grade standards。

ISO14644 Class	MAC (PC/m³)						FS209E Purification standard
	0.1μm	0.2μm	0.3μm	0.5μm	1.0μm	5.0μm	
ISO Class1	10	2					
ISO Class2	100	24	10	4			
ISO Class3	1,000	237	102	35	8		1级
ISO Class4	10,000	2,370	1,020	352	83		10级
ISO Class5	100,000	23,700	10,200	3,520	832	29	100级
ISO Class6	1,000,000	237,000	102,000	35,200	8,320	293	1,000级
ISO Class7				352,000	83,200	2,930	10,000级
ISO Class8				3,520,000	832,000	29,300	100,000级
ISO Class9				35,200,000	8,320,000	293,000	