

# Automatic Pollen Monitor

## KH-3000-01S1



**KH-3000-01S1 is a particle counter especially aimed to measure the number of pollen by using a scattering of a semiconductor material laser beam.**

**KH-3000-01S1 is designed to gather pollen particles effectively through a sand leak column.**

### Features

- 1. KH-3000-01S1 greatly helps researchers to save their time and to reduce efforts regarding the measurement of pollen numbers compared to traditional method such as Cascade, Burkard, etc**
- 2. KH-3000-01S1 measures and discriminates pollens by measuring a forward scattering and a side scattering with a semiconductor laser beam. KH-3000-01S1 has a high reliability for a discrimination of pollens and other particles (for example fibrous dusts).**
- 3. You can change the interval of measurements at your chooses from 1 minute to 9999 minutes.**
- 4. You can gather the observed data by using a RS-232 cable to your printer or PC. And on Remote Control Mode, you can control KH-3000-01S1 by commands sent from PC and you save the observed data on PC easily.**
- 5. KH-3000-01S1 has an inner memory that can memorize about 180 measured data**
- 6. The KH-3000-01S1 makes it possible to distinguish between snow and pollen, further improving accuracy.**

# 仕 様

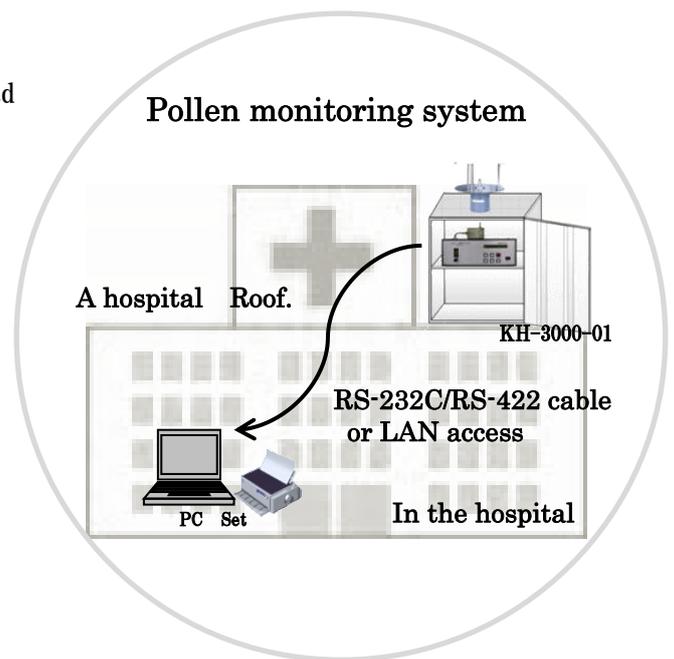
Sensor Type	KH-3000-01S1	KH-3000-01S2	KH-3000-01S3
Measurement Method	Forward and side scattering of a semiconductor laser beam (pollens) Side scattering of a semiconductor material laser beam (other particles)		
Measurement range	About 25-40 micro metre		
Aspiration Volume	4.1 ℓ/min		
Measurement Interval	From 1 minute to 9999 minutes		
Display	LCD		
I/O interface	RS-232C		
Memory inside	About 180 data		
Power Supply	AC100V(50/60Hz)	AC230V(50/60Hz)	AC220V(50/60Hz)
Size	About 320(W) × 230(D) × 140(H) mm		
Weight	About 5 kg		

## Pollen monitoring system

- The network system that scattered circumstances can be read LIVE service!
- It can be controlled remotely from the place left.
- The data sent from KH-3000-01 is a PC.  
It's output by graphical representation or a printer in the screen which is so.

### Related option

- \* 2 sets of RS-232C/RS-422 converter
- \* RS-232C/LAN converter
- \* Personal computer set
- \* Pollen automatic counting software



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