

# Automatic Pollen Monitor

## KH-3000-01



**KH-3000-01 is a particle counter especially aimed to measure the number of pollen by using a scattering of a semiconductor material laser beam.  
KH-3000-01 is designed to gather pollen particles effectively through a sand leak column.**

### Features

1. KH-3000-01 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-3000-01 measures and discriminates pollens by measuring a forward scattering and a side scattering with a semiconductor laser beam. KH-3000-01 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-3000-01 by commands sent from PC and you save the observed data on PC easily.
5. KH-3000-01 has an inner memory that can memorize about 180 measured data

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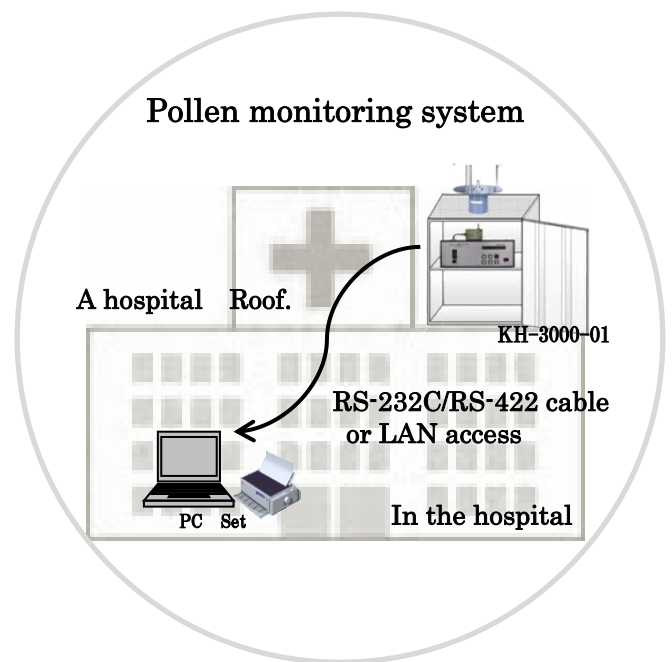
Sensor Type	KH-3000-01	KH-3000-01A
Measurement Method	Forward and side scattering of a semiconductor laser beam (pollens) Side scattering of a semiconductor material laser beam (other particles)	
Measurement range	About 25 - 40 micro metre	About 25-40 micro metre
Aspiration Volume	4.1 ℓ/min	
Measurement Interval	From 1 minute to 9999 minutes	
Display	LCD	
I/O interface	RS-232C	
Memory inside	About 180 data	
Power Supply	AC100V(50/60Hz)	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



### Yamatronics Co. Ltd.

2-1 Heiseicho, Yokosuka 238-0013, Japan

Tel : +81-46-821-1545

Fax : +81-46-821-1547

e-mail: [ydto@green.ocn.ne.jp](mailto:ydto@green.ocn.ne.jp)

<http://www.yamatronics.com/>