

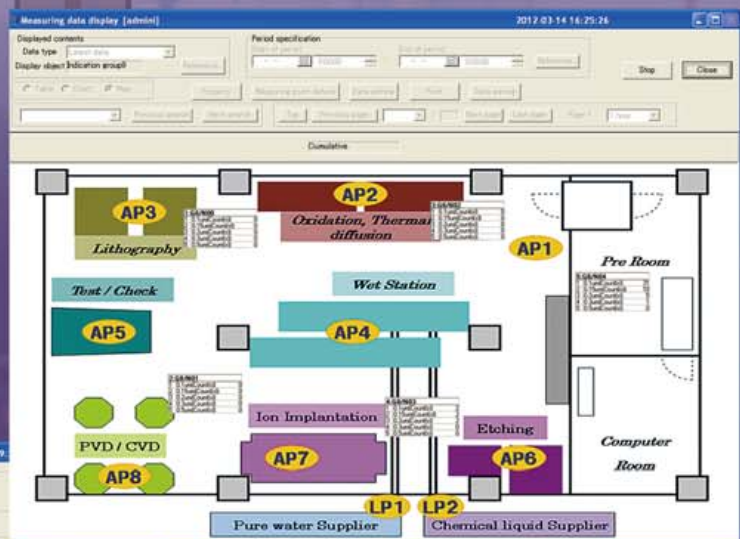
Multi-Point Monitoring System Software

KF-03

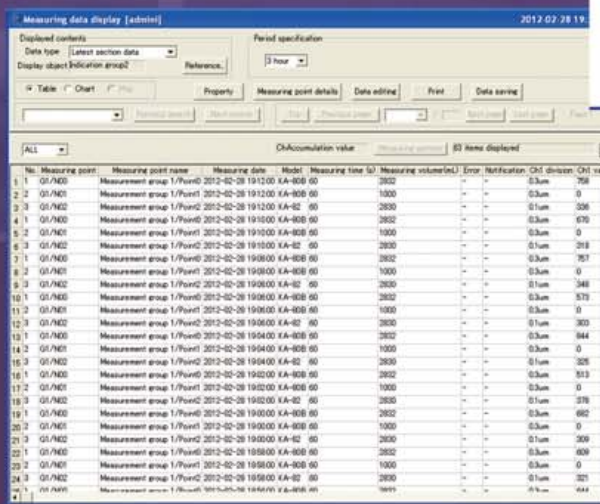
Manage variety of information such as particle count data, room temperature & humidity, pressure data from various environment sensors and more.



Measurement parameter setting screen



Map display screen



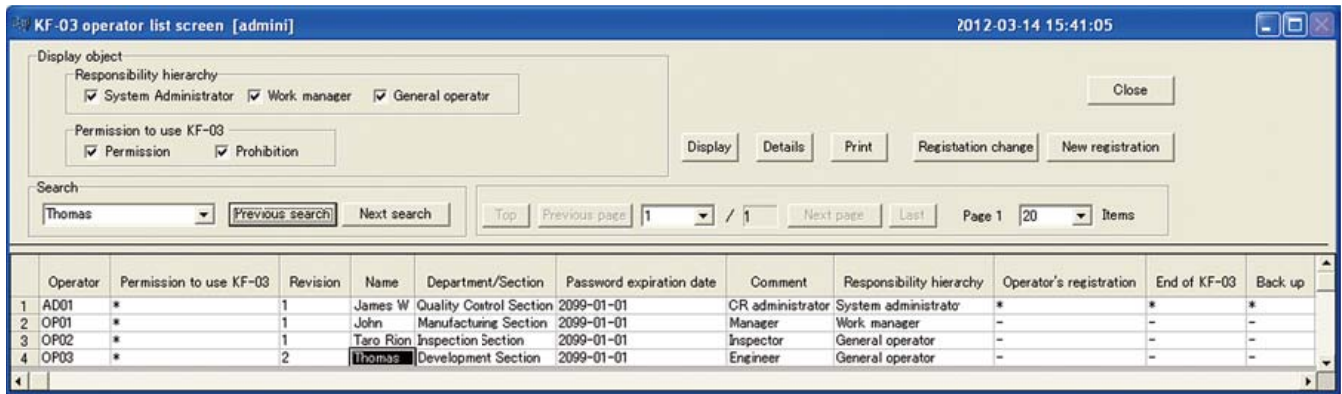
Measurement data display screen



Real-time graph display screen

- Connect up to 248 particle counters (in Multi (M) mode) for automatic operation
- Assess measurement point trends, detect particle contamination problems at an early stage, plot trend analysis graphs using past data for specified time periods
- Computer validation for pharmaceutical manufacturing support
- Implement security with different user access permission levels

Support for computer validation in pharmaceutical manufacturing



Operator list screen

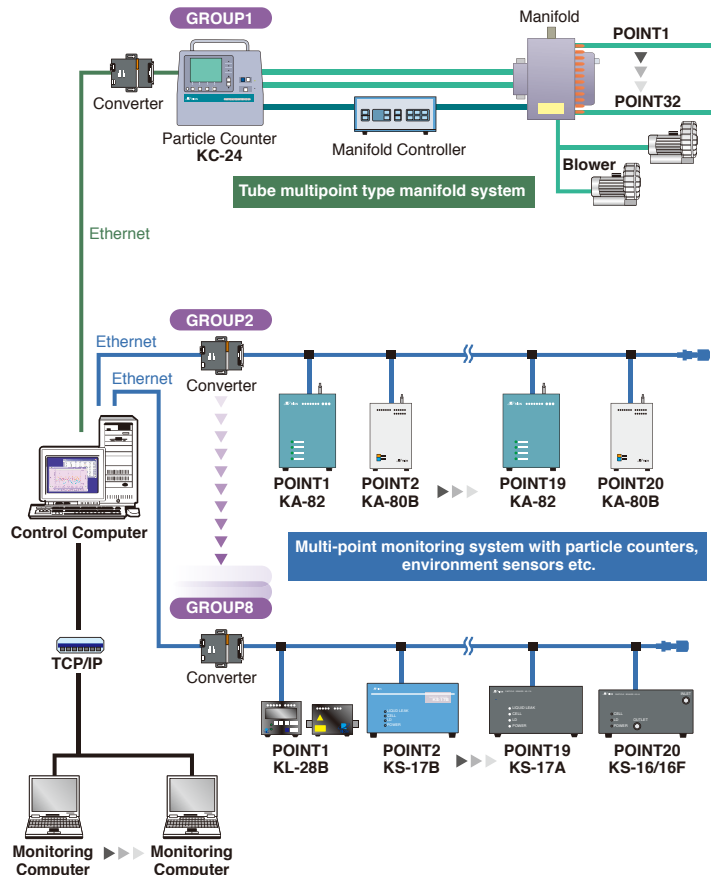
KF-03 Specifications

Measurement Parameters	Measurement group setting	Up to 8 groups. Measurement parameters are the same for the entire group.
	Operator registration	Registration of operators for KF-03 use List display of registered operators Registration change history display for each operator Produce hard copy of displayed content
	21 CFR Part 11 compliance	Supported as hybrid system without electronic signature function
Measurement modes	Multi (R) mode (for Rion particle counters other than KM series)	<ul style="list-style-type: none"> Equipment such as up to 20 particle counters per group or 31 environment sensors per group can be configured in a bus line and sub line configuration, for measurement operation control. Max. number of measurement points: 160 (20 units x 8 groups) or 248 (31 units x 8 groups)
	Multi (M) mode (for use with Rion KM series)	<ul style="list-style-type: none"> Up to 31 particle counters per group can be configured in a bus line and sub line configuration, and connected to the Ethernet port via communication converters, for measurement operation control. Max. number of measurement points: 248 (31 units x 8 groups)
	Manifold (M) mode (for use with tube multipoint type manifold systems)	<ul style="list-style-type: none"> Particle counters and manifold equipment are connected via dedicated cables, and connected to the Ethernet port via communication converters. Measurement operation control is implemented by switching the ports of the manifold system. Max. number of measurement points: 256 (32 points x 8 groups)
	Number of work stations	<ul style="list-style-type: none"> Dependent on number of connected units and operation mode (Consult the supplier)
Product supply media type	CD-ROM	

Operation Environment Requirements

Computer	
Operating system	Microsoft Windows® XP
CPU	Pentium 4, 2.0 GHz or higher
RAM	2 GB or more
HDD	80 GB or more, RAID1 recommended
Other	CD-ROM drive
Peripheral equipment	
Printer	Printer guaranteed to work with Microsoft Windows XP®
Communication converter	Ethernet to RS-485 communication protocol converter (option)
Alarm unit	Used for alarm output. Ethernet to relay contact output (option)

Example for multi-point monitoring system configured with KF-03



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* Specifications subject to change without notice.



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