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.

- 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

**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.
- Produces hard copy of displayed content.

**Measurement modes**
- Multi (R) mode (for Rion particle counters other than KM series)
  - 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)
  - 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)
  - 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)

**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)

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