![RION]

Multi-point Monitoring Software
RP Monitor Evo10
K1701 *Ver.2/Ver.3*

■ **Enables control of particle counters including automatic operation, data collection, data display, filing, and printing**

■ **Tree view is incorporated as a part of UI for easy measurement point selection, measurement parameter setting, and other operations**

■ **Compatible with Windows 10 Pro (64 bit) / 11 Pro (64 bit)**
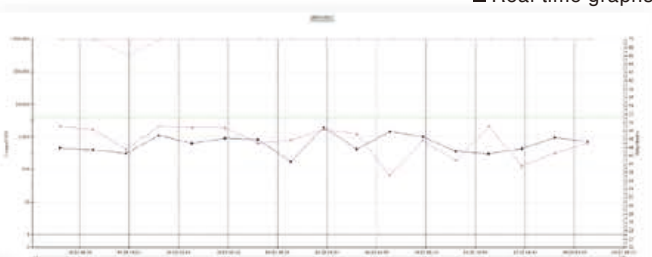

■ Computer validation supported

Measurement data are saved as tamper-proof binary files. Automatic output in CSV format is also possible. HASP hardware key for protection against unauthorized copying

■ Real time graphs

■ Event window

■ Operation log (audit trail)

■ List display

■ ID and password registration

RP Monitor *Evo10 K1701 Ver.2*
(For serial mode)

RP Monitor *Evo10 K1701 Ver.3*
(For multi-point monitoring systems)

○ **Allows control of particle counter measurement start/stop, and light source/internal pump on/off**
○ **Available setting parameters include measurement time, period, number of measurements, alarm, conversion etc.**
○ **Comments can be entered (at the beginning of a measurement or in a history graph)**
○ **Display mode selection allows real-time numeric indication on another computer, separate from the control computer**

Allows control of up to 8 particle counters in serial mode, using 8 ports

Supported models
■ **Serial mode**
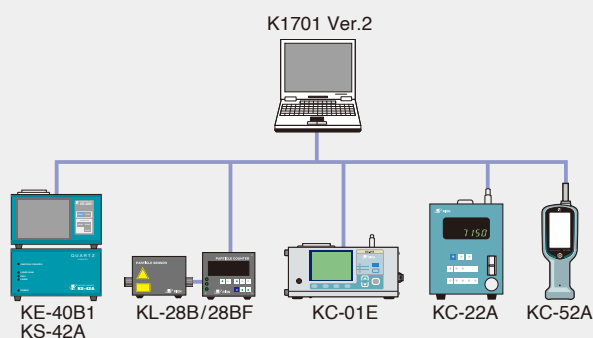(Control one particle counter via one serial port)
KC-01E, KC-03B, KC-20A, KC-24, KC-52A, KC-31/32, KC-22A/22B, KE-40B1*, KL-28B/28BF, KS-16/16F, KL-30A/30AX/30B

■ **Read-only serial mode**
(Receive data for one particle counter via one serial port)
KC-01E, KC-03B, KC-20A, KC-52A, KC-31/32, KC-22A/22B, KE-40B1*, KL-28B/28BF, KL-30A/30AX/30B

＊Connectable sensors to KE-40B1 are supported.

K1701 Ver.2

KE-40B1
KS-42A　　KL-28B/28BF　　KC-01E　　KC-22A　KC-52A

Allows simultaneous control of up to 31 particle counters in serial mode and multi mode R (expanded connection up to 160 units)

Supported models
■ **Serial mode**
Same models are supported by Ver.2.

■ **Read-only serial mode**
Same models are supported by Ver.2.

■ **Multi mode (R)**
(Using Rion particle counters, continuous repeated measurement without measurement pause intervals is possible)
KC-52A (Communication dock required), KA-02, KA-03, KA-05, KA-82, KC-31M, KL-28B/28BF (Option board required), KS-16/16F, KS-18F (K), KS-19F (K), KS-41A, KS-41B

■ **Manifold mode (R)**
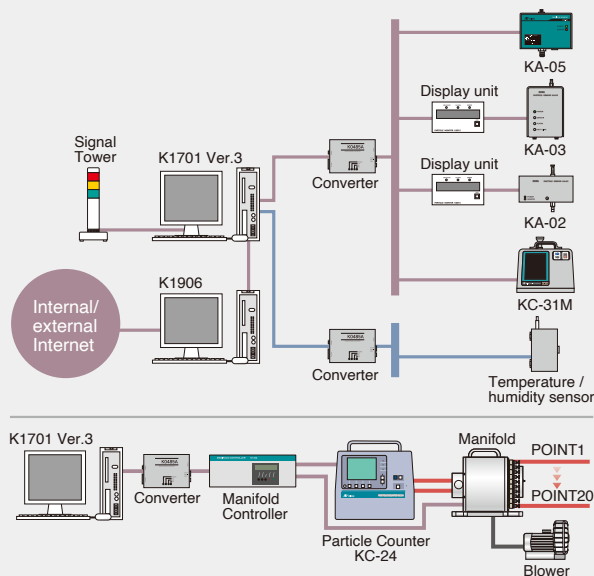(For models supporting a tube type multi-point manifold. Control is performed by manifold switching.)
KC-24

■ **Aerosol mode**
(Control thirty-one particle counters via ethernet port)
AES-CKM

Peripheral equipment
Automatic alarm mail delivery system K1906, particle count and alarm status indicator K2015, digital temperature/humidity sensor K1813, signal tower

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Recommended environment Workstation (WS) (for Ver. 2 and Ver. 3)

Supported OS	Windows 11 Pro (64-bit) / Windows 10 Pro (64-bit)
CPU	Intel Core i3 (8th generation) or equivalent processor
Disk Space	Minimum free space required for operation: 20 GB or more. Note: Additional space is required for storing measurement data. Size per measurement point: approximately 200 MB/year
Memory	Windows 11: 8 GB or more Windows 10: 4 GB or more
Hardware	• CD Drive: Required for software installation. (Please consult if using a PC without a drive) • Serial (RS232C) Port: Used for communication with the measurement device. Note: If there are insufficient serial ports, an expansion interface board can be used. It must be compatible with the operating system in use and function as a standard device.) Tested Devices CONTEC PCI bus serial communication board COM series RATOC Systems RS-USB602F • USB Port: Required for connecting the USB protection key • A LAN port may be required as needed (e.g., when connecting a LAN-compatible particle sensor).

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＊ Specifications subject to change without notice.

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