



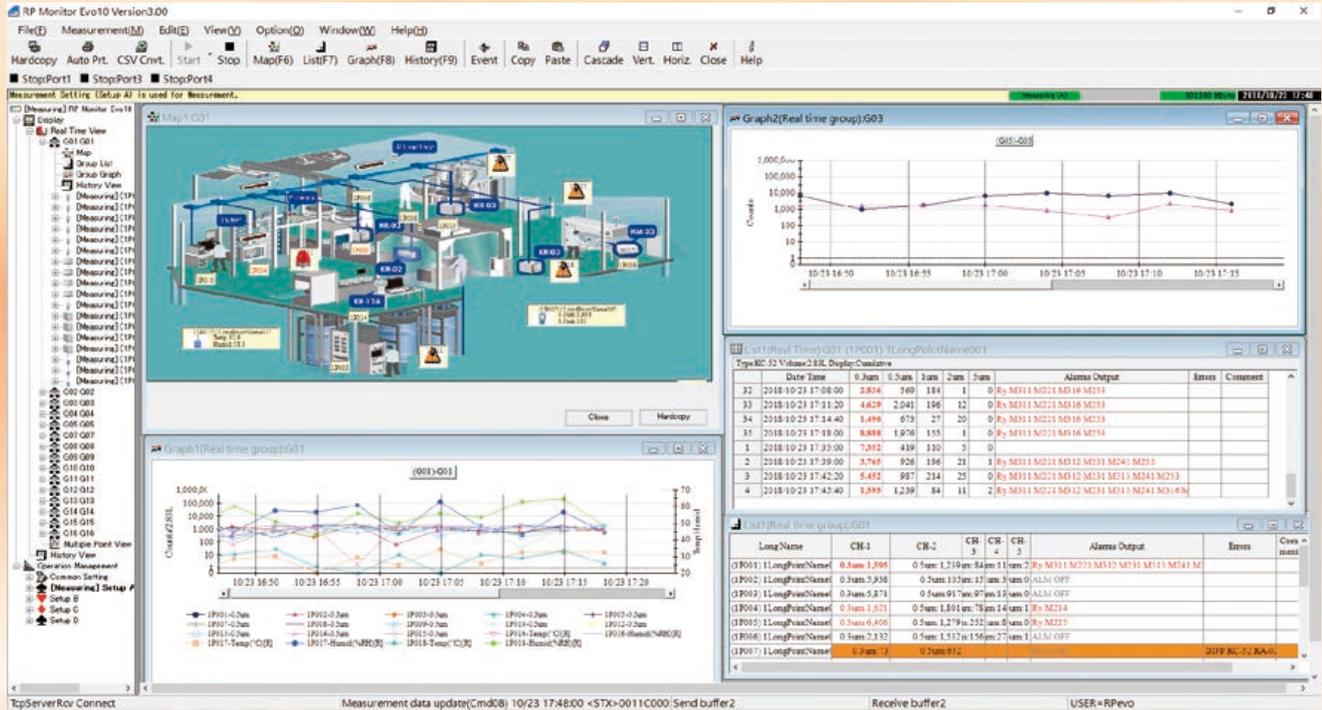
Multi-point Monitoring Software

RP Monitor Evo10

NEW

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 (64 bit)



■ Computer validation supported

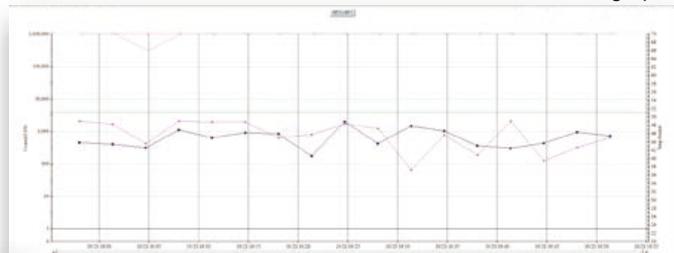
Measurement data are saved as tamper-proof binary files. Automatic output in CSV format is also possible. HASP hardware key for protection against unauthorized copying

■ Real time graphs

The screenshot shows the 'Event Window' with an 'Event List' table. The table has columns for Check, Error of Event, Log Name, Start, Duration, and Event. The 'Event' column is expanded to show details for the selected event.

Check	Error of Event	Log Name	Start	Duration	Event
001	10/23/18	(1P001) LongPntName001	Opening	11:48	
002	10/23/18	(1P001) LongPntName001	Closing	12:08	

■ Event window



■ List display

The screenshot shows a 'List(Real time group) G01' window with a table of measurement data. The table has columns for LongName, CR-1, CR-2, CR-3, CR-4, CR-5, Alarm Output, Errors, and Cues.

LongName	CR-1	CR-2	CR-3	CR-4	CR-5	Alarm Output	Errors	Cues
(1P001) LongPntName001	0.3um: 3.095	0.5um: 1.219	0.7um: 1.4	1.0um: 1.1	1.5um: 1.1	M311 M321 M312 M313 M314 M315		
(1P002) LongPntName002	0.3um: 3.938	0.5um: 1.219	0.7um: 1.4	1.0um: 1.1	1.5um: 1.1	ALM OFF		
(1P003) LongPntName003	0.3um: 5.871	0.5um: 917	0.7um: 97	1.0um: 11	1.5um: 11	ALM OFF		
(1P004) LongPntName004	0.3um: 1.021	0.5um: 1.041	0.7um: 1.041	1.0um: 1.041	1.5um: 1.041	M214		
(1P005) LongPntName005	0.3um: 6.456	0.5um: 1.219	0.7um: 1.4	1.0um: 1.1	1.5um: 1.1	M223		
(1P006) LongPntName006	0.3um: 2.332	0.5um: 1.532	0.7um: 1.56	1.0um: 1.56	1.5um: 1.56	ALM OFF		
(1P007) LongPntName007	0.3um: 7.3	0.5um: 972	0.7um: 972	1.0um: 972	1.5um: 972	ALM OFF		

■ Operation log (audit trail)

■ ID and password registration

The screenshot shows two dialog boxes for user registration. The first is 'User Registration' with fields for User ID, Level (1, 2, 3), and Password. The second is 'User Properties' with fields for User ID, Password, and a checkbox for 'Change Password and Address'.

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

- 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

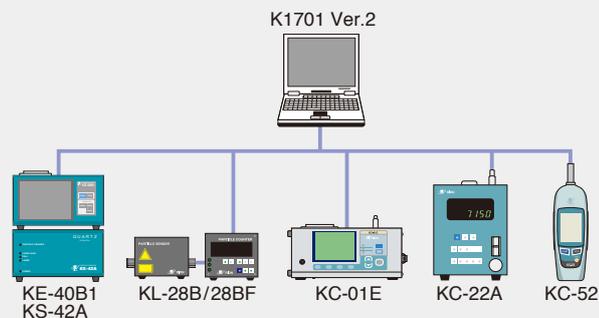
(Control one particle counter via one serial port)

KC-01E, KC-03B, KC-20A, KC-24, KC-52, KC-31/32, KC-22A/22B, KE-40B1, KL-28B/28BF, KS-16/16F, KS-17B, KL-30A/30AX

Read-only serial mode

(Receive data for one particle counter via one serial port)

KC-01E, KC-03B, KC-20A, KC-24, KC-52, KC-31/32, KC-22A/22B, KE-40B1, KL-28B/28BF, KL-30A/30AX



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

CPU	1.8 GHz or higher
RAM	4 GB or more
HDD	80 GB or more
Operating system	Microsoft Windows 10 Pro (64 bit), operation guaranteed with Japanese or English version
Other specifications	CD-ROM drive (used for installation)
	Serial interface USB interface (for hardware key)
COM port expansion board	Functioning as standard device [such as Contec COM-8 (PCI) 8ch]
Supplied media type	CD-ROM

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* Specifications subject to change without notice.

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

Allows simultaneous control of up to 32 particle counters in serial mode and multi mode R (expanded connection up to 160 units)

Supported models

Serial mode

(Control one particle counter via one serial port)

KC-01E, KC-03B, KC-20A, KC-24, KC-52, KC-31/32, KC-22A/22B, KE-40B1, KL-28B/28BF, KS-16/16F, KS-17B, KL-30A/30AX

Read-only serial mode

(Receive data for one particle counter via one serial port)

KC-01E, KC-03B, KC-20A, KC-24, KC-52, KC-31/32, KC-22A/22B, KE-40B1, KL-28B/28BF, KL-30A/30AX

Multi mode (R)

(Using Rion particle counters, continuous repeated measurement without measurement pause intervals is possible)

KC-52, KA-02, KA-03, KA-05, KA-82, KC-31M, KL-28B/28BF (Option board required), KS-16/16F, KS-17B, KS-18F(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

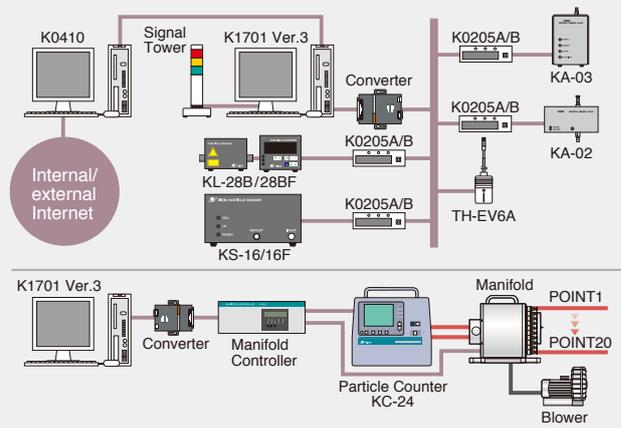
Aerosol Mode

(Control thirty-one particle counters via ethernet port)

AES-1000-05N-R (Standard type), AES-1000-05H-R (High concentration type)

Peripheral equipment

Automatic alarm mail delivery system K0410, particle count and alarm status indicator, K0205A/B, digital temperature/humidity converter TH-EV6A, signal tower



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