In-Line Particle Sensor Helps to Manage Particle Contamination in Ultrapure Deionized Water

- Can be directly installed in equipment for on-site process control
- Max. Sample pressure is 700 kPa
- Sensor controller KZ-70 can be used for display, operation control, printout with printer, and other functions
- Multi-point monitoring system interface allows control from a computer (also in conjunction with KZ-70) directory
- Allows configuration of multi-point monitoring system (RP Monitor/KF-02B)
Build a 20 Points Monitoring System With RP Monitor or Cover 248 Points With KF-02B

In-line measurement system examples

In-line system 1 (using mass flow controller)

- Serial cable CC-81A
- Sub-line cable K244-601 or similar
- Printer cable CC-81DF
- KZ-70
- DFU414
- 3-way joint (ext. dia. 4)
- Supplied tube (ext. dia. 4, length 1.5 m)
- Supplied tube (ext. dia. 4, length 1.5 m)
- Purge line

In-line system 2 (using bellows sampler)

- Sub-line cable K244-601 or similar
- Connection cable (supplied with K9004)
- Computer
- Inlet, ext. dia. 4
- Supplied tube (ext. dia. 4, length 1.5 m)
- Supplied tube (ext. dia. 4, length 1.5 m)

Options

- **Flow Controller With Plate**
  - Flow rate: 10 ml/minute
  - Unstable pressure: 0.075 MPa to 0.5 MPa
  - Dimensions: 124 (H) x 180 (W) x 87 (D) mm, approx. 1.5 kg

- **Sensor Controller KZ-70**
  - Uses as display in sensor multi-point monitoring system

- **Bellows Sampler K9004**
  - Bellows type sampler minimizes loss of precious sample fluid during measurement.

Dimensions and Weight

- Main unit (KZ-17B): 160 (H) x 360 (W) 250 (D) mm, approx. 6 kg (excluding protruding parts)
- Power supply (KZ-50): 120 (H) x 71 (W) 185 (D) mm, approx. 0.8 kg (excluding protruding parts)

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Specifications subject to change without notice.

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