

KIMOTO

New Model !!

Particle Matter Monitor

PM-711



- *Polyflon tape filter is used as standard.*
- *High accuracy few effected by temperature and gas components.*
- *Easy operation by large color LCD touch panel.*
- *USB memory is available for data extraction.*
- *Large capacity memory to save measuring data.*
- *Digital telemeter (In/Out) through the Ethernet*

Standard Specifications

Measuring object
Measuring method
Measuring range
Analog output ranges

Blank test
Repeatability
Zero drift
Span drift
Linearity
Voltage fluctuation test

Stability of flow rate of ambient air.
Operating temperature
Beta ray source
Tape filter
Detector
Sampling inlet
Sample flow rate
LCD display

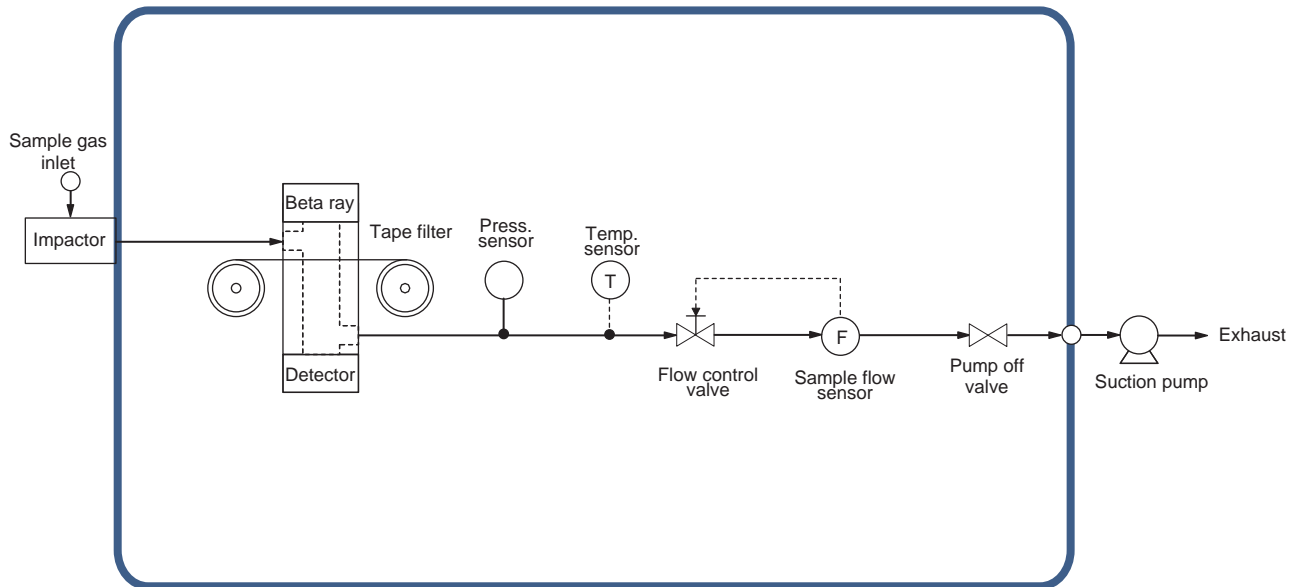
Internal data memory
Digital In/Outputs
Outputs for serial recorder

Analog Telemeter Outputs
Outputs for analog recorder
Power requirement

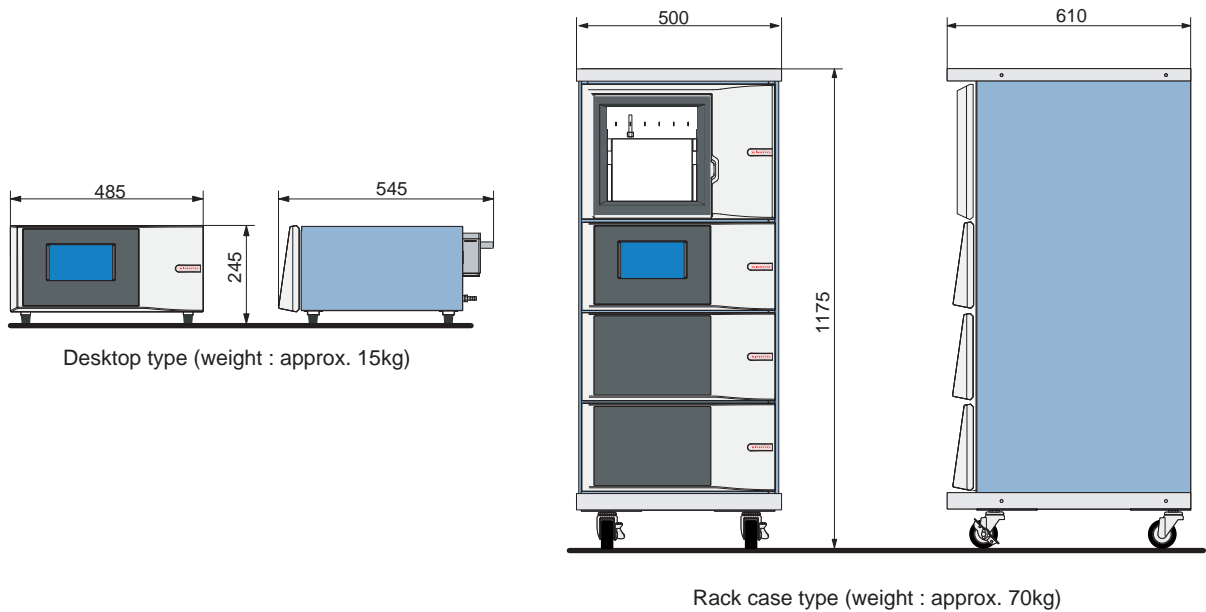
Particle matter in the ambient air.
Beta ray attenuation method.
0 - 5 mg/m³.
0 - 0.5/ 1/ 2/ 5 ppm.
Starting range can be selectable
Average +/- within 5 ug/m³.
within +/- 2 % of the standard film (equivalent film)
within +/- 2 %/day.
within +/- 3 % of the standard film (equivalent film)/ day.
within +/- 5 %
Indication : within +/- 3 % of the standard film/ 100 +/- 10 V.
Flow rate : within +/- 5 %/ 100 +/-10 V.
within +/- 5 % of the set value.
0 to 40 degrees C.
¹⁴⁷Pm, less than 10 MBq.
Polyflon 20 mm x 30 m.
Plastic scintillation detector
US EPA type, TSP, PM₁₀ or PM_{2.5}.
16.7 L/min.
Measuring data, Output range, Alarm,
Performance control information.
Measuring data (1 minute value, 1 hour value), Message.
Ethernet, USB1.1, RS232C.
Continuous value, Average of 1 hour integrated value,
Daily report, Performance information.
DC 0 -1 V : Average of 1 hour integrated value.
DC 0 -1 V : Average of 1 hour integrated value.
AC 100 V, 50/60 Hz, approx.300 VA.

*) Please contact us on other specifications. (sales@kimoto-electric.co.jp)

■ Flow Diagram



■ Size (Desktop type and rack case type)



CAUTION *) Operation manual should be read before the analyzer is operated.
 *) To avoid fire, break down and electric shock, do not use this analyzer at the place where there is water, high moisture, dust or oily smoke.



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