

# New Model !!

Sulfur Dioxide Analyzer

## SA-731



- High accuracy by the flow switching method.
- 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 Components  
Measuring method  
Measuring range \*  
Analog output ranges \*

Repeatability  
Zero drift  
Span drift  
Linearity  
Voltage fluctuation test  
Response time  
Minimum detectable limit  
Interference  
Operating temperature  
Sample flow rate  
Dust filter \*  
LCD display

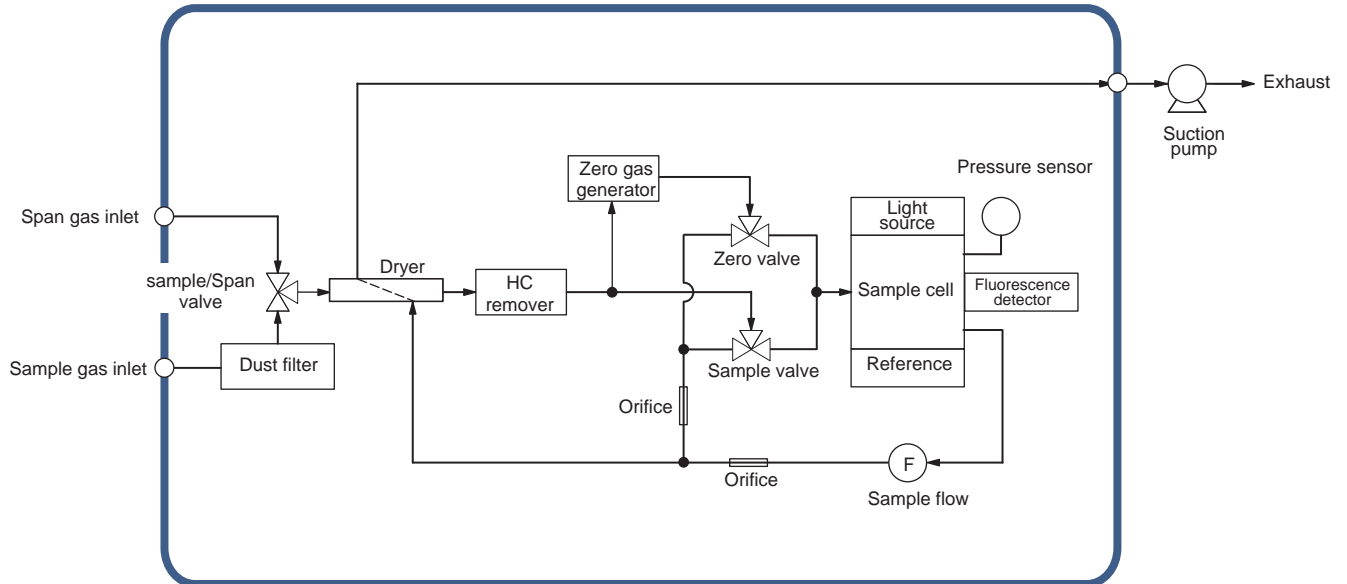
Saved data in the internal memory  
Digital In/Outputs  
Outputs for serial recorder \*

Analog Telemeter Output \*  
Output for analog recorder  
Power, Power consumption

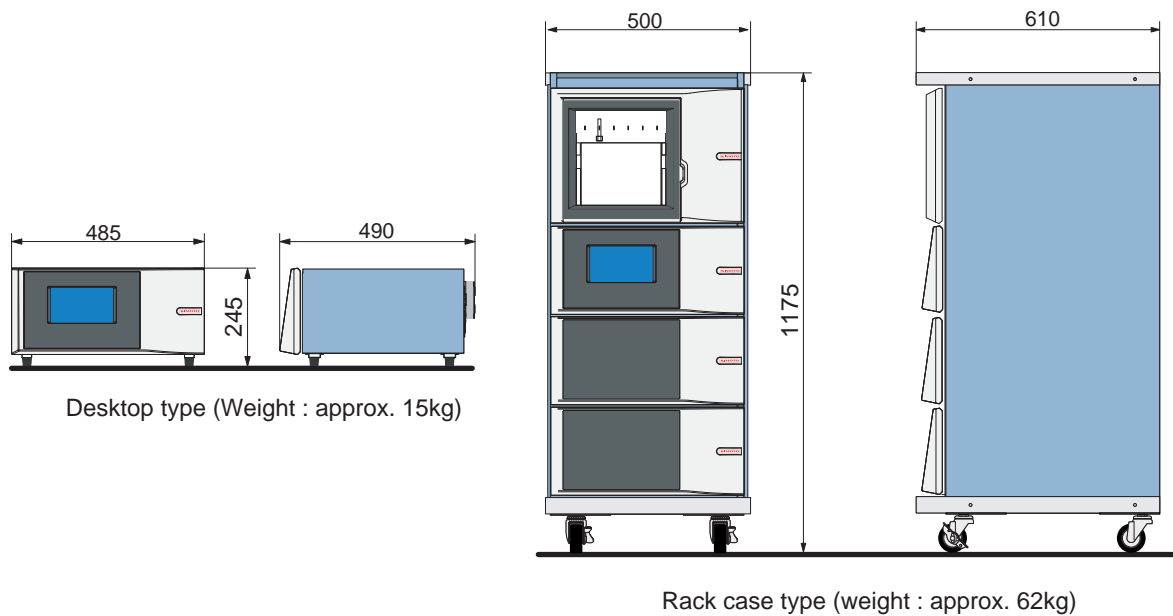
SO<sub>2</sub> in the ambient air.  
UV Fluorescence.  
0 - 1 ppm.  
0 - 0.05/ 0.1/ 0.2/ 0.5/ 1 ppm.  
Starting range can be selectable.  
within +/- 1 % of the span gas.  
within +/- 2 ppb/day.  
within +/- 2 % of the span gas concentration/day.  
within +/- 2 % F.S.  
within +/- 1 % of the span gas concentration/ 100 +/- 10V.  
less than 4 minutes (T90).  
less than 1 ppb.  
less than 4 ppb (by Toluene 1 ppm).  
0 to 40 degrees C.  
approx. 1 L/min.  
47 mm in diameter.  
Measuring data, Output range, Alarm,  
Performance control information.  
Measuring data (1 minute value, 1 hour value), Message.  
Ethernet, USB1.1, RS-232C.  
Continuous value, Average of 1 hour integrated value,  
Daily report, Notification of status.  
DC 0 - 1 V : Continuous, Average of 1 hour integrated value.  
DC 0 - 1 V : Continuous, Average of 1 hour integrated value.  
AC 100 V, 50/60 Hz, about 300 VA.

## Flow Diagram

### 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.

**KIMOTO**

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