

Sulfur Dioxide Analyzer



US EPA Certification (RFS-1120-257)



SO₂ Analyzer

MEZUS 110 SO₂ Analyzer is the analyzer that measures minimum amount of SO₂ in air correctly using the UV fluorescence method. The UV lamp with less change of sensitivity used for MEZUS 110 was applied and the self manufactured kicker to remove the obstacle components such as HC is installed.

To prevent the adhesion of specimen, the response chamber and specimen tube of special coating material was used to improve minimum detection and precision.

Features

- Ranges 0-0.1 / 0.5 / 1ppm, user selectable.
- 7inch TFT LCD & touch screen interface.
- Ethernet, RS-232, RS-485 & USB ports.
- USB interface utilizes for System Program Update.
- Temperature & pressure compensation
- Internal zero (Optional)
- Stored data can be retrieved RS-232, USB Interface and TCP/IP network
- In built Data Logger Utilizes NAND-Flash to Store up to 1year (5min averaged data)

Specifications

Measuring items	Sulfur Dioxide(SO ₂) in ambient air
Measuring method	Ultraviolet fluorescent method(UVF)
Ranges	0-0.1 / 0-0.5 / 0-1ppm (selectable)
Lower Detectable Limit	Less than 0.4ppb
Repeatability	within ±0.5% of span gas concentration
Zero drift	Less than 0.5ppb
Span drift	within ±0.5% / full scale (1 day)
Response time(90%)	Less than 90 sec (Fast mode)/ Less than 100 sec (Normal mode)
Linearity	within ±1% / full scale
Precision	0.5% of reading
Operating Temperature	0-40°C
Ambient Temperature Humi	-40°C~+55°C/0-95%RH
Analog output	0-1V / 0-5V or 4-20mA (option)
Sample flow rate	Stabilized flow control by ≈ 800 cc/min Critical Orifice
Particulate Filter	47mm Teflon Filter
Display	7 inch Graphic LCD
Comport	Ethernet, USB 2.0, RS-232, RS-485
Internal data memory	Measuring data (1 or 5min /1year), Operation history, Messages, Alert
Power requirement	220VAC/60Hz or 230VAC/50Hz

Ordering Information

1 Range

- 0** 0-0.5 ppm, 0-1 ppm (Standard)
- 1** 0-1 ppm, 0-2 ppm

2 Power

- 0** 220VAC/60Hz (Standard)
- A** 230VAC/50Hz
- B** 110VAC/50Hz

3 Internal Zero

- 0** Sample/Cal valve (Standard)
- Z** Internal Zero Scrubber

4 Mounting Hardware

- 0** Bench mounting (Standard)
- H** Ears & handles

5 Teflon Particulate filter

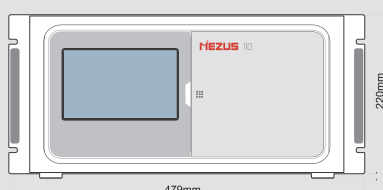
- 0** Not Include (Standard)
- p** 1pkg

Your Oder Code **MEZUS 110-**

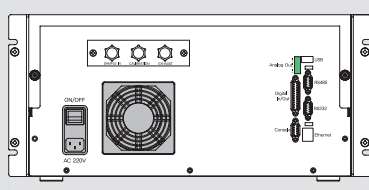
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Dimensions

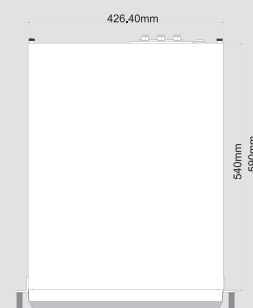
Case Type



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