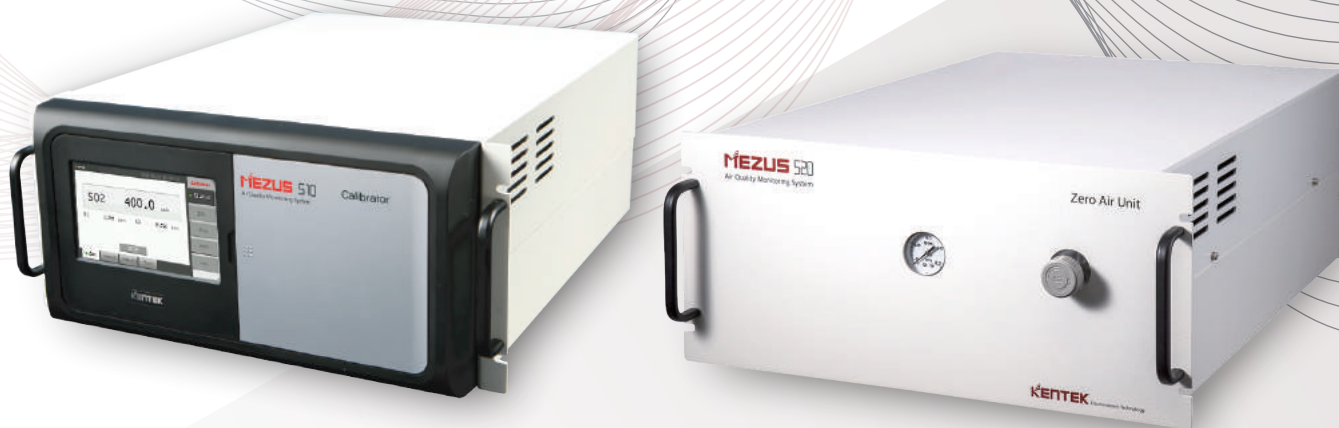


Multigas Calibrator & Zero Air Generator



MEZUS 510/520

| Multigas Calibrator & Zero Air Generator

Calibrator/ Zero Air Generator uses flux mixture method and GPT(Gas Phase Titration) method in which flux of pure ingredient gas and diluted gas are changed and mixed so that standard gas with desired concentration by dilution is supplied.

And, O₃ Photo Cell is installed to calibrate O₃ analyzer with accuracy and reproducibility by giving a feed-back of produced O₃ concentration.

| Features

■ MEZUS 510

- UV Photometer (Range 0 - 0.1 to 0- 1 ppm)
- Optional O₃ Generator Module
- 7inch TFT LCD touch screen interface.
- Ethernet, RS-232, RS-485 & USB ports.
- Temperature & pressure compensation
- Stored data can be retrieved RS-232, USB Interface and TCP/IP network

■ MEZUS 520

- Internal Membrane Air Dryer (Dewpoint - 20°C up to 20 LPM)
- Internal Pump (Output 20 SLPM @ 30 psig)
- Automatic Pump Control
- Automatic Water drain
- Scrubber for SO₂, NO, NO₂, O₃, H₂S and NH₃
- Scrubber for Hydrocarbon (Options)

Specifications

MEZUS 510 - Multigas Calibrator

Flow Range of Dilution Air	0 - 10 SLPM
Flow Range of Cylinder Gases	0 - 100 cc/min
Flow Measurement Accuracy	±1% of full scale
Repeatability of Flow Control	±0.5% of full scale
Linearity of Flow Measurements	±0.5% of full scale
Cylinder Gas Input Port	3
Diluent Air Input Port	1
Gas out Port	1
Display	7 inch Graphic LCD
Ambient temperature	5 - 40 °C
Power requirement	220VAC/60Hz or 230VAC/50Hz

MEZUS 520 - Zero Air Generator

Output	20 SLPM @ 30 psig
Dewpoint	- 20 °C up to 20 LPM
Output concentrations	CO <0.025 ppm
	NO <0.5 ppb
	SO2 <0.5 ppb
	O3 <0.5 ppb
	H2S <0.5 ppb
	HC <0.02 ppm
Ambient temp	5 - 40 °C
Pump	Internal oil-less piston pump
Power requirement	220VAC/60Hz or 230VAC/50Hz

Ozone Generator Module (Options)

Ozone Output	0.1 - 5 ppm LPM
Response Time	< 180 seconds (T95)

UV Photometer (Options)

Measuring method	UV absorption method
Range	0 - 0.1 to 0 - 10ppm (selectable)
Linearity	±1% of rading
Precision	0.5% of reading or 1ppb
Response Time	< 120 seconds (T95)

Your Order Code Multigas Calibrator

MEZUS 510 -

Your Order Code : Zero Air Generator

MEZUS 520 -

Ordering Information

1. Power

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

3. GAS MFC

- 0 100 cc/min (Standard)
- 1 50 cc/min

5. Ozone Generator (Options)

- G Ozone Generator Module
- U Ozone Generator Module & UV Photometer

2. Mounition Hardware

- 0 Bench mounting (standard)
- H Ears & handles

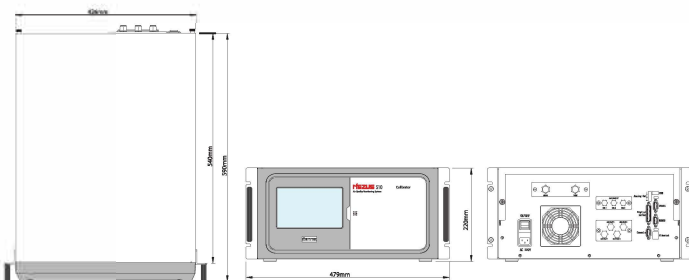
4. AIR MFC

- 0 10 SPLM (Standard)
- 1 5 SPLM

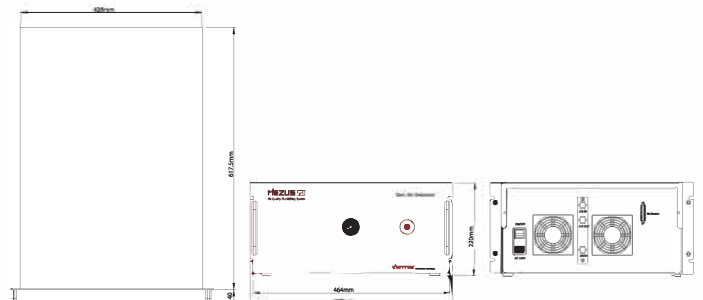
6. Zero Air Generator (Options)

- H Hydrocarbon Scrubber

Dimensions -case type



[Calibrator]



[Zero Air Generator]