

Multi Point Calibrator



MODEL: Vair-9007

Calibrator

Dynamic calibration of instrument based on microprocessor technology, developed specifically for precision gas analyzers and multiple gas calibration equipment. Through the use of high precision mass flow controller and standard gases for gas parameters of zero point and span test calibration gas, can also provide 4 kinds of gas source.

Dynamic calibration device can be equipped with a built-in programmable ozone generator, the ozone generator is not only used as an accurate and reliable calibration of ozone, ozone generator can also be used for g-d NO2O multi-point piecewise linear drive to ensure repeatability and accuracy of ozone concentrations; optional spectrophotometer can also achieve the ozon generators high accuracy control.

Dynamic calibration of fast response, high repeatability, high accuracy and easy to use. And used zero gas generator, and gas analyzers for laboratories to provide reliable quality assurance.

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)

MULTI POINT CALIBRATOR

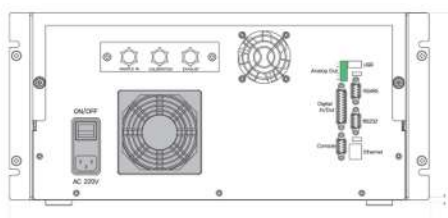
Technical Specifications

| | |
|---|---|
| Flow Control | Zero/Span Gas Flow control by MFC |
| Dilute Air Supply (Zero) | 0-10 SLPM |
| Calibration Gas Supply | 0-100 SCCM 0-50 SCCM (User Optional) |
| Flow Precision | Within $\pm 0.5\%$ of full scale |
| Flow Control Repeatability | Within $\pm 0.25\%$ of full scale |
| Linearity of flow control | $\pm 0.25\%$ of full scale |
| Calibration Gas Input Port | 3 Port |
| Dilution Air Supply Port (SUS Material) | 1 Port |
| Calibration Gas Outlet Port | 4 Ports |
| Expression Method | 7" Inch Graphic Touch LCD (Selectable in Korean, English & Chinese) |
| Operating Temperature | 5-40°C |
| Power Requirement | 220VAC/60Hz, 230VAC/50Hz, 110VAC/60Hz (Select User Order) |
| Ozone Generator and Optical Module | Ozone Output Range: 0.1 - 5 PPM |
| | Ozone Generation Response time : Within 60 Seconds (T95) |
| | Display of Ozone Measurement Signal (Ref/mea) |
| | Ozone Optical Bench Cell 30 cm or more |
| Calibration Gas | (NO, CO, SO ₂ , etc-mixed gases), with regulator. |

Dimensions - Case type



<Front>



<Back>



<Top>



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AIR QUALITY MONITORING SYSTEM