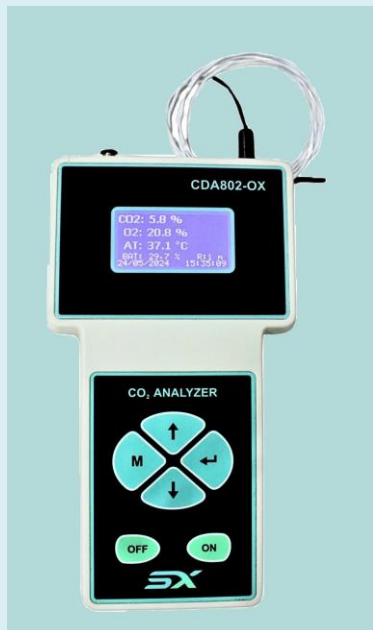


CDA802-OX : Portable CO₂ & O₂ Gas Analyzer



Product Description:-

CDA802-OX Portable CO₂ and O₂ Gas Analyzer that is designed to measure the concentration of carbon dioxide (CO₂) and oxygen (O₂) in gas mixtures. This is a microcontroller-based instrument that shows real-time CO₂ and O₂ values. This analyzer is particularly useful for a wide range of applications, including incubator testing, green-house assessment, warehouse monitoring, gas cylinder testing, food & beverage production, medical facilities, and industrial manufacturing.

The CO₂ and O₂ Gas analyzer is equipped with advanced sensors that provide highly accurate and reliable measurements of the gas concentrations. The device is also equipped with a user-friendly interface that allows for easy calibration and customization of the settings to meet specific requirements.

The analyzer features a compact and lightweight design, making it easy to transport and use in various settings. This instrument has an internal battery-operated pump to draw air samples. It can be used with a variety of gas mixtures and can measure CO₂ concentrations range 10%, 20%, and 100% and O₂ concentrations range 25% and 100%. The CO₂ and O₂ Analyzer is also equipped with advanced data logging capabilities, allowing users to record and software is provided to download the data to MS Excel for trend analysis.

The CO₂ and O₂ Analyzer is a reliable and versatile tool for measuring gas concentrations in a range of applications. Its accuracy, ease of use, and advanced features make it a popular choice for researchers, scientists, and industry professionals alike. The CDA802 is designed to be adaptable and can be used in a wide range of settings. It is commonly utilized in industrial, medical, and laboratory environments, as well as in HVAC systems and indoor air quality monitoring. The instrument features accurate sensors that ensure reliable measurements and precise data. There has never been more evidence of how human activity affects the climate of our planet. The data that CO₂ analyzers provide is vital for comprehending the dynamics of greenhouse gas emissions and their impact on global warming, making them indispensable instruments in the field of climate research.

Technical Specifications

- **Measuring Principle** : CO₂ (NDIR), O₂ (EC)
- **Ranges Available** : CO₂ :- 5%, 10%, 20%,100% , O₂ :0 – 25%
- **Resolution** : 0.1 %
- **Accuracy** : 2 % at FS
- **Response Time** : T90 <10 sec
- **Flow Rate** : 100cc/min(Contact us for applications not requiring pump)
- **Display** : In-built LCD (display updated every second)
- **Data transfer** : RS232 / USB
- **Logging Interval** : Programmable.1min to 1 Hour
- **Memory** : 4GB. In-built, non-volatile, sufficient for several months
- **Logging Interval** : Programmable. 1 min to 1 hour
- **Battery** : Li-Ion Rechargeable (lasts for 8 to 10 hours after full charging)
- **Calibration** : Typically required once a year
- **Operating Temperature** : 0 to 50° C
- **Weight** : Approximately 0.4 Kgs. (with batteries)
- **Accessories** : Battery Charger, USB Data transfer cable, Software, User Manual & Carrying Case
- **Warranty** : 1 Year

Shailron Technology Pvt. Ltd.

E -21, Surya Kunj, Near C.R.P.F., New Delhi – 110072 (India)

Tel No.:+91 11 2801 1947, Fax: +91 11 2801 0280

Web: www.shailrontechnology.com , Email:info@shailrontechnology.com