

Model *Airwell Plus*

NDIR, UV, TCD, PID TDLAS Gas Analyzer



Applications

User Specified Gas Analysis

Gas Filter Correlation NDIR

N₂ Ar H₂ CH₄ based Gas Analysis

Low Flow Sampling

UV TCD PID and Electrochemical Sensor available

Specification

Measuring components : NO NO₂ SO₂ HCL H₂S NH₃ CO CO₂ TVOC

Ethylene, N-Hexane, Buthane, ... (select 1~2)

Measurement Methods : GFC NDIR, Ultraviolet(UV), Thermal Conductivity(TCD)

Photo Ionization (PID) and Electrochemical

Sensor life time : Normal : Electrochemical upto 1year. UV NDIR TCD PID (upto 1~2 years)

Normal ranges : Lower range : 0 - 10 ppm (detection limite 0.1 ppm)

Higher range : 0-1000ppm or upto % (Please consult factory for other range)

Accuracy : +/-2% of FS

Zero drift : +/-2%

Response time : Normal 5 sec T=90% 30 sec

Repeatability : 2% of FS

Sample flow : minimun 200 cc/min upt to 1 liter/min (Set by application)

Data Management :

Storage : upto 1000 data TXT(Not available in case of Modbus)

Current (Real time) date per second

5,10 30 60 min interval storage set(Not available in case of Modbus)

RS 232 9 pin digital data output (Not available in case of Modbus)

Option : Modbus 485

Operational Power : 220VAC 50/60 Hz

Operational temperature : 5~50 C humidity : 5 ~ 80% RH

Sample Gas condition : Dry and Dust free & Ambient temperature

Display : 5.4 inches blue touch screen

Size : W 425 x D 450 x H 17.3 (mm) (standard) Option : D 600 mm

Standard accessories : Main unit, power corde RS232 9pin cord Operational manual

Purpose : General Purpose

* Specification can be changed according to the user's requirement

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