

Model Airwell+707

Low & High Concentration
Transportable & Table top Gas Analyzer



Green House & Bio Gas Analysis
Pure Gas Analysis
ppm and % Concentration Analysis
Medical N2O CO2 Gas Analysis
Emissions
Environmental Energy Research
Land fill Gas Detection
Regenerative Energy & Gas Analysis
Wasted Water & Soil Remediation

General Specification

Measuring Method & Parameters *User selectable options 1~4 components

H2 : TCD 0 - 0.5, 10, 50, 100% (Resol 0.005~1% as per the Range)
CH4 CO CO2 : NDIR 0 - 1, 10, 30, 100% (Resol 0.01~1% as per the Range)
N2O : NDIR 0 - 1000 ppm 100% (Resol 1 ppm 1%)
O2 : PMG 0 - 21, 30, 100% (Resol 0.1%) * PMG Paramagnetic
Electrochemical : 0 - 25% (Resol 0.1%) 0 - 10000 ppm (Resol 10ppm)

Others : NH3 H2S - Consult Factory

Accuracy : 1 ppm - 0.01% 0.1% 1% (depends on sensor)

Span Drift : NDIR : +/- 2 % FS TCD : +/- 2 % FS EC : +/- 3% FS

Repeatability : NDIR : +/- 2 % FS TCD : +/- 2 % FS EC : +/- 3% FS

Zero Drift : NDIR : +/- 2 % FS TCD : +/- 2 % FS EC : +/- 3% FS

* Other Range and Component : Consult Factory

Operational Power : 220/110 VAC 50/60 Hz

Operational temperature : 10 ~ 45 degC

Sampling Pressure : Atmospheric Pressure

Sampling flow rate : Less than 500ml/m ~ 1 L/m (Response time : less than 1~10 sec)

** No sampling pump uses for Low concentration Analysis

Display : Blue color Visual Touch screen

Measuring data, Max value hold, Set time & date Menu

Data Storage : SD card - up to 100000 data storage - 1, 5, 30 minutes & 1 hour interval

PC Download : by Hyperterminal or equivalent

RS232 digital output & USB Adaptor (RS485 Option)

Analogy output : DC or mA output (Option)

Operational Menu : Standard (English) Option (Korean)

Operational Sampling gas temperature : 5 ~ 50 DegC

Operational Sampling gas humidity : 0 ~ 75%

Dimension : Portable : 380D x 205W x 130H mm (weight : 3 - 6 kg asper the options)

Tabletop / Rack : 418D x 415W x 180H mm (weight : 4 - 7 kg) Carrying case option

Specification can be changed for the purpose of user's requirement or upgrade without notice

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