

KUSAM-MECO

An ISO 9001:2008 Company

CO₂/Temp/RH Indoor Air Quality Meter

Model KM 6460

KM 6460 is an excellent indoor air quality (IAQ) instrument measuring the carbon dioxide (CO₂), Relative Humidity (RH) and Temperature.

Applications :

- Building HVAC monitoring.
- Indoor air quality survey.
- Locate the presence of combustion fumes from vehicles and appliances.

FEATURES :

- 3 Independent CO₂, humidity and temperature sensors.
- User operated CO₂ calibration.
- Datalogging- Up to 50,000 records
- Fast USB download (50,000 records in less than 10 seconds)
- Internal backup battery to maintain date / time setting.
- Power management IC to increase batter efficiency.
- Easy- to-Use PC software or parameter settings and data analysis.
- Ibuild-in audio Co₂ buzzer / alarm .
- **CO₂ Sensor** : GE Dual Beam Absorption Infrared™.
- **Temperature / Humidity sensors.**
- **Measurement range** : 0 ~ 5,000 ppm display.
- **Resolution** : ±1 ppm.
- **Accuracy** : ± 75 ppm or 10% of reading (Which is greater).
- **Datalogging** : Up to 50,000 records.

GENERAL SPECIFICATIONS :**Co₂ SENSOR :**

- **Type** : Non-dispersive infra-red (NDIR)
- **Measurement range** : 0 ~ 5,000 ppm.
- **Accuracy** : ± 75 ppm or 10% of reading (Which is greater).
- **Resolution** : ±1 ppm.
- **Response Time** : 2 seconds.

RELATIVE HUMIDITY SENSOR :

- **Type**: CMOSens
- **Measurement Range** : 10% ~ 90%
- **Accuracy** : 2.5%
- **Resolution** : 0.1%
- **Response Time** : 8 seconds

TEMPERATURE SENSOR :

- **Type**: Thermistor
- **Measurement Range** : 0 ~ 50°C
- **Accuracy** : ± 0.5°C from 0 ~ 50°C
- **Resolution** : 0.1°C
- **Response Time** : 1 seconds
- **Operating Temperature** : 32 ~ 122°F (0 ~ 50°C); 0 ~ 95% RH, Non-condensing.
- **Storage Temperature** : -4 ~ 140°F(-20 ~ 60°C)
- **Power Supply** : 4 x 1.5V AA Alkaline batteries.
- **External Power Supply** : 6V VDC with 0.5A Adaptor.

ACCESSORIES : USB Cable, Batteries, Software CD & 6V DC Adaptor.

All Specifications are subject to change without prior notice.

NEW



Preliminary Data

KUSAM-MECO
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