SenseLife™ - Wim **Wall-mount** Clean air with SenseLife-Wim

Indoor Air quality Monitor

General Information of CO2 Gas

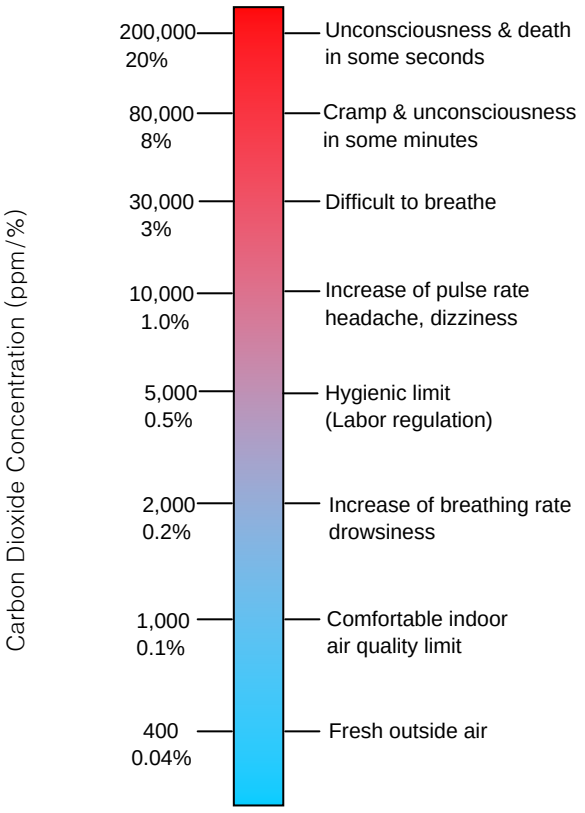
By human's breathing in and out, CO2(Carbon Dioxide) is released and indoor air starts being contaminated.Besides micro-dust & chemical substances, the main parameter in measuring indor air quality is the concentration of CO2.

Wherever people reside, CO2 could be always found. A place crowded with people but without proper ventilation could easily see high level of CO2 concentration.

If the CO2 level is high, it means there is no adaquate amount of fresh air incoming, consequently causing headache, drowsiness & disgusting feeling which cound be caused by combination of high level of CO2 and existence of other air pollutants.

Some combustion devices like petroleum or gas heaters, being stationed indoor, may cause dangerous conditions. Along with CO2 sensor, letting out safety alarm, the indoor liver's safty can be secured.

How does CO2 affect the human body?



ASHRAE Standard

ASHRAE : American Society of Heating, Refrigeration and Air-conditioning Engineers

SenseLife - Wim

Multi-function Wall-mount air quality Monitor

SenseLife-Wim displays three most crucial parameters of indoor air quality; CO2 level, Humidity and Temperature. It provides daily essentials[Year, month, date, day and time] as a basic feature for user's convenience.

Three sensors, CO2(Infra-red), temperature & humidity, are very precise adopting advanced technology previously only available in professional air quality diagnostic equipment. Sensor feel CO2 concentration level which can not be felt by human's sense organs and help people keep the CO2 level indoors less than 1,000ppm, which is the recommendation limit of ASHRAE.

It is a must-have for modern people, keeping them healthy & allowing them to stay in hygienic air condition.

Humidity also has very close relation with indoor air quality. Extended period of humidity over 60% or below 40% RH indoors, can create conditions favorable to mold and mildew growth that can affect allergies and general health.

CO_2/Temperature/Humidity Sensor/Transmitter

1. AN1 : CO2 output : 4-20mA(=0-3,000ppm)
2. AN2 : Temperature output : 4-20mA(=0-50℃)
3. AN3 : Humidity output : 4-20mA(=0-100%RH)
4. RS485 communication interface for network
5. Option : ZigBee Wireless communication
   Other customized output option is available

SenseLife is .....

Perfect for classroom, study room, livingroom of apartment, kindergarden, church, offices, meeting room, hospital room, karaoke, banks , underground shopping center, fitness center, sauna, movie theater & other public places to check the air quality inside.

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SenseLife

SenseLife™ - Wim

Wall-mount

Indoor Air quality Monitor

Clean air with SenseLife-Wim

※ Temperature
Operating temp. range: -20℃~50℃, (℃/°F), °F=9/5C+32
Storage temp. range : -30℃ ~ 70℃
Accuracy : ±1℃
Measurement interval : 30sec

※ Humidity
Display : Relative Humidity(%)
Measurement range : 0-100%RH
Accuracy : ±3% of reading

※ 3 step display of CO2 level
Less than 800 ppm - Good
From 800 to 1,200ppm - Normal
More than 1,200ppm - Poor

※ Main material
Acryl plate, Colored frame, LED display

※ CO_2 sensor spec.
Sensing method : NDIR(Non Dispersive Infra Red)
Sampling method : Diffusion
Measurement : 0-10,000ppm
Display : Digital display (4 digits)
Accuracy : ±75ppm, ±5% of reading
Warming up : less than 30 seconds
Measurement interval : 2 seconds

※ Adaptor spec.
Power : AC 110V/220V/230V, 50/60Hz
DC 9V/12V

※ Display : CO2, Temperature, Humidity,
Year, month, date, day & time

SenseLife-Wim

Product	Wall-mount Indoor Air quality monitor	Dimensions(L*W*H)	Size(mm)
Item No.	SenseLife-Wim300/390/530/720	Wim300	300 x 225 x 40
Power input	110/220/230AC/DC12V	Wim390	390 x 300 x 40
Display	CO2/Humid/Tem/Time/Calendar	Wim530	530 x 220 x 40
Temperature	-20℃~50℃(-4°F~120°F)	Wim720	720 x 570 x 40
Humidity	0 ~ 100%RH	Setting mode	Time/Calendar/CO2
CO2	0 ~ 10,000ppm	Outside covering	Acryl plate, Colored frame

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