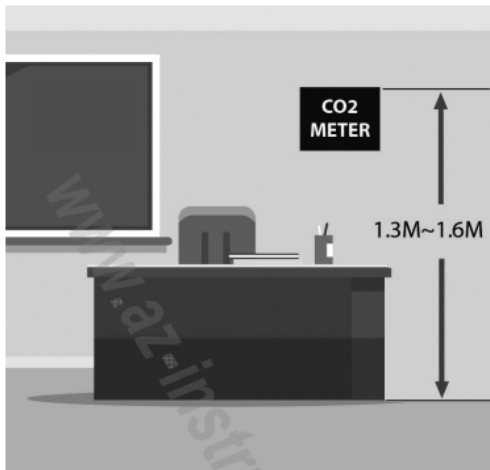


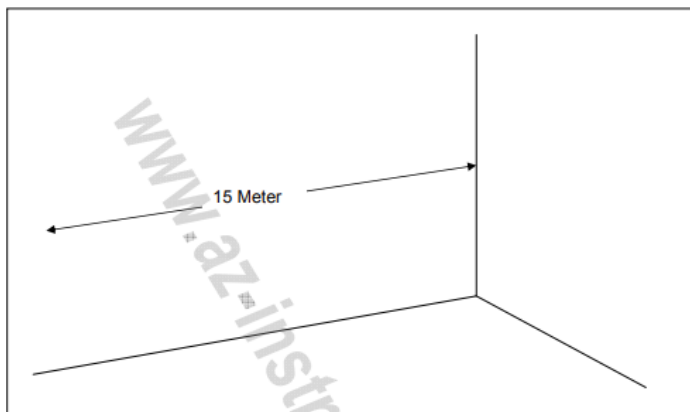
一个房间里应该放多少个二氧化碳测量仪以及该放在哪？



不同的气体具有不同的比重，因此与空气混合时自然会处于不同的水平。上图显示了放置二氧化碳测量仪的最佳位置。二氧化碳 (CO₂) 的重量与空气相似，因此传感器应位于教室或办公室环境中距离地板“1.3 - 1.6 公尺”的位置。

在厨房里，它应该水平安装在距离烹饪区 1 到 3 公尺之间，并且高于头部水平的安全高度；即高于地面 2.5 公尺”。

我需要多少传感器？



您需要监测任何给定区域的二氧化碳计的数量将取决于几个因素。

但是，作为基本规则，您可以使用以下计算：

房间内最长墙的长度（米）/ 6 = 所需二氧化碳测量仪的数量。因此，使用上面的范例： $15 / 6 = 2.5$

因此，我们建议使用 3 套 CO₂ 计来覆盖该区域。

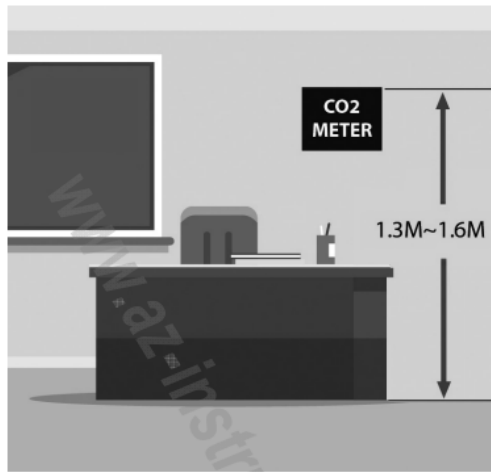
但是请注意，这只是一个指南。

其它因素，如房间的高度、电器的数量、管道工程的数量等，也会影响所需的二氧化碳测量仪的数量。

同时，也建议查看当地政府的指导方针。

Where and how many CO2 meter to put in a room?

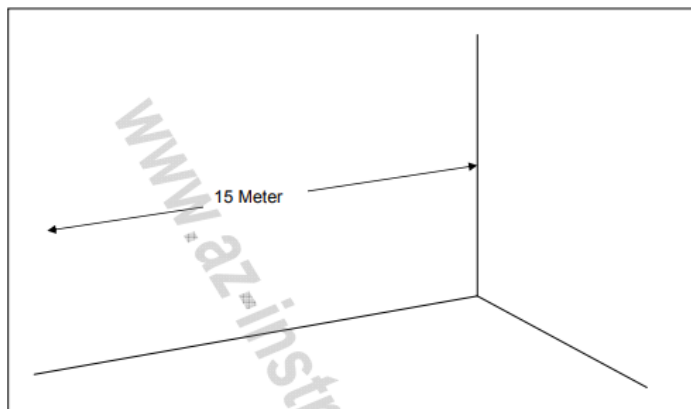
Positioning of CO2 meter



Different gases have different specific weights and so will naturally sit at different levels when mixed with air. The diagrams above shows the best position to locate a CO2 meter. Carbon dioxide(CO2) is a similar weight to air so sensors should be situated at “1.3 - 1.6m” from the floor in a classroom or office environment.

In a kitchen it "should be fitted horizontally between 1 and 3m from the cooking areas and a safe height above head level; that is 2.5m above floor level".

How many sensors do I need?



The number of CO2 meter that you need to monitor any given area will depend upon several factors.

However, as a basic rule, you can use the following calculation;

Length of longest wall in the room (meters) / 6 = Numbers of CO2 meter required So, using the example above;

$$15 / 6 = 2.5$$

Therefore we would recommend using 3 sets of CO2 meter to cover the area.

Please be aware however that this is a guideline only.

Other factors such as the height of the room, the number of appliances, the amount of pipe work etc. will also affect the number of CO2 meter required.

Meanwhile, to check local government's guideline is also suggested.