

CASol is an innovative Dutch company that develops and produces products that support achieving a better indoor air quality.

Providing we don't compare with polluted industrial areas, often the air quality in our buildings is much worse than outside due to several deficiencies of our buildings. Many solutions are found in air purification or ventilation, but these are not always adequate.

Little Canary : The only reliable VOC/CO2 indicator



It is striking that companies, factories, institutions and schools nowadays buy so CO2 indicators. But it bothers us that CO2 indicators are seen as the solution to the problems with the indoor climate. Apart from that, often the installed sensors and indicators do not really cover the area where people are present, and are not installed in all the rooms or spaces in a building. The latter would indeed be a large investment. Another problem is that on a fixed spot installed measuring devices will lead to inaccurate measurements after a while, even very expensive ones.

The **Little Canary** is the alternative to the existing CO2 indicators. Based on the same measurement principles of the 'Big' Canary from the Dutch air quality top expert and scientist/inventor Frans Rasenberg . Calibrated and adjusted to the current maximum permitted levels of CO2 and VOCs. The device measures both components. All technology is in a handy USB stick housing, including sample inlet, a driver in fact it is a small computer. With nano-technology a tiny circuit board is developed, which controls the build-in LED indicators.



To 600 ppm the light stays green, then changes to orange and if the values rise to 800 ppm and above, then the light turns red. Intentionally, the chosen values are below the maximum values prescribed by the government, to counter problems. After all, you will not always start ventilating by opening the windows or turning on the ventilation system at the moment the red light will start burning.

The **Little Canary** can easily be connected to any USB adapter for wall plug-in, and will perform its basic task in the direct vicinity of the user. However, it can of course also be connected with the USB connection on a desk top or laptop computer. This situation will show a wider function, as also software with graphic read out is installed on the stick. In fact, for this purpose the stick was originally designed, in collaboration with the world famous ASML company from Holland. Technique and design from the high-tech and very professional 'Big Canary' are put into this small sized derived product.

Reliability guaranteed:

Unfortunately there is a lot of similar and small priced fake products on the market, some even look exactly the same on the outside. The quality of the build-in sensor will be accordingly.

Note : *only calibrated* devices have a reliable operation. But cheap copies are never calibrated.

Our **Little Canary's** are calibrated based on **Linde** calibration-gases and each one is labeled by a this professional industrial gas supplier.



<http://www.linde-gas.com/en/index.html>

<http://www.bochl.com.tw/tw/index.asp>

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