

What is OGI Quantification ?

OGI quantification is a measurement of Mass Flow Leak Rate (MFLR) (the size) of a leak or concentration in ppm.

Challenges of OGI Quantification

Quantifying leak rate using OGI is extremely challenging. EyeCSite algorithm takes many aspects into account.



Quantifying a compound

In order to quantify a compound, the detected normalized contrast at each pixel is converted into a concentration-path length measurement (ppm), using the compound's reference response curve

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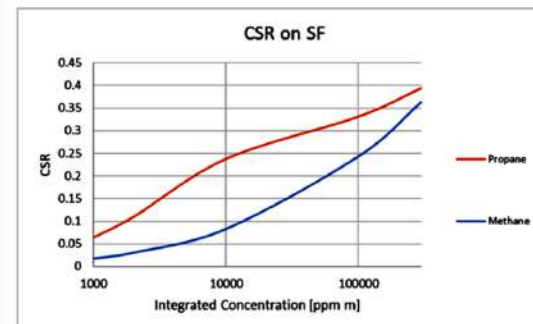
Specific reference response curve

Each compound has its own specific response curve. Opgal has developed a special algorithm which detects the difference in each curve in order to provide an precise calculation.



Is the wind speed a factor?

Absolutely, Once the compound is measured, the wind speed is calculated, and it gives us the mass flow rate.



How much time is needed to get the measurements?

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