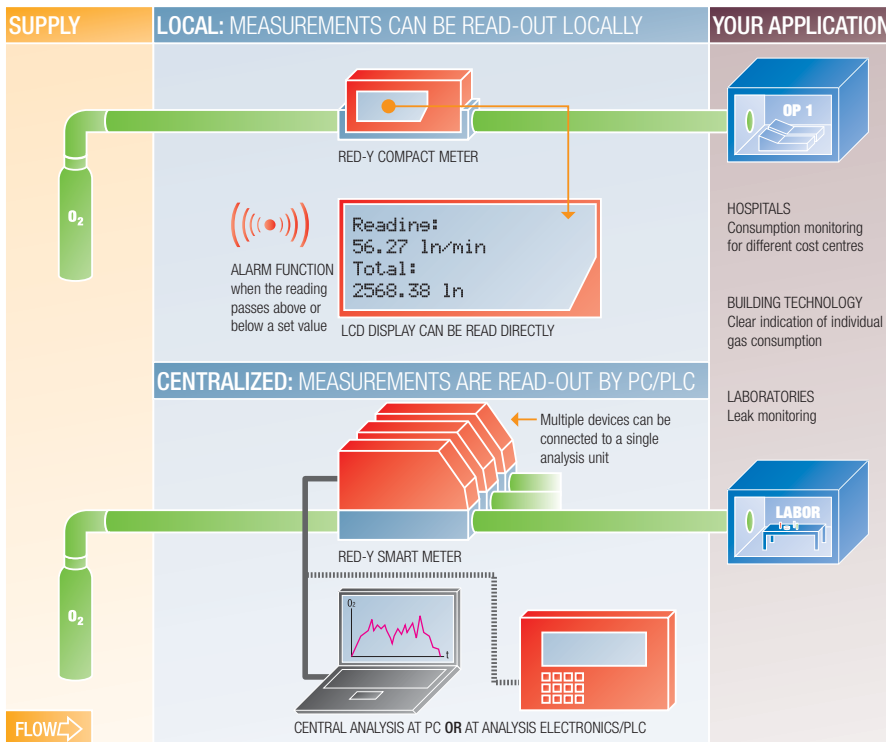


# KEEP TRACK OF COSTS AND CONSUMPTION!

Continuous measurement of gas flow is becoming more and more important for many processes.

In addition to safety when handling gases (rapid detection and localisation of leaks), the individual monitoring of consumption encourages economical treatment of resources, and therefore helps to lower costs.



## CMOS SENSOR TECHNOLOGY

By using high-precision CMOS technology (semiconductor sensors) Vögtlin's thermal measurement and control devices are setting new standards in response behaviour and measurement accuracy, and feature a previously unknown dynamic measurement range.

## VERSATILE APPLICATION

The principle by which thermal mass measurement operates is ideally suited to the measurement of gas flow rates. One of its key advantages is that the measurement is largely independent of pressure and temperature. Unlike volumetric methods, it is not necessary to take additional and separate measurements of the pressure and temperature.

## BENEFIT FROM THE FOLLOWING PROPERTIES:

- \_ High precision
- \_ Fast response time
- \_ Measurement and totalization
- \_ Activation of thresholds
- \_ Compact devices
- \_ Simple operation
- \_ Easy maintaining and servicing

## TYPICAL APPLICATIONS:

- \_ Measurement of gas consumption (hospitals)
- \_ Flow rate monitoring (laboratories)
- \_ Test equipment (production, maintenance)
- \_ Leak measurement (quality, environment)
- \_ Costs centre billing



**COMPACT SWITCH GCS**

A threshold value can be activated for leak detection. The totalling unit permits use as a gas meter.

Get more information:  
[www.red-y.com](http://www.red-y.com)

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