

Gas flow measuring:

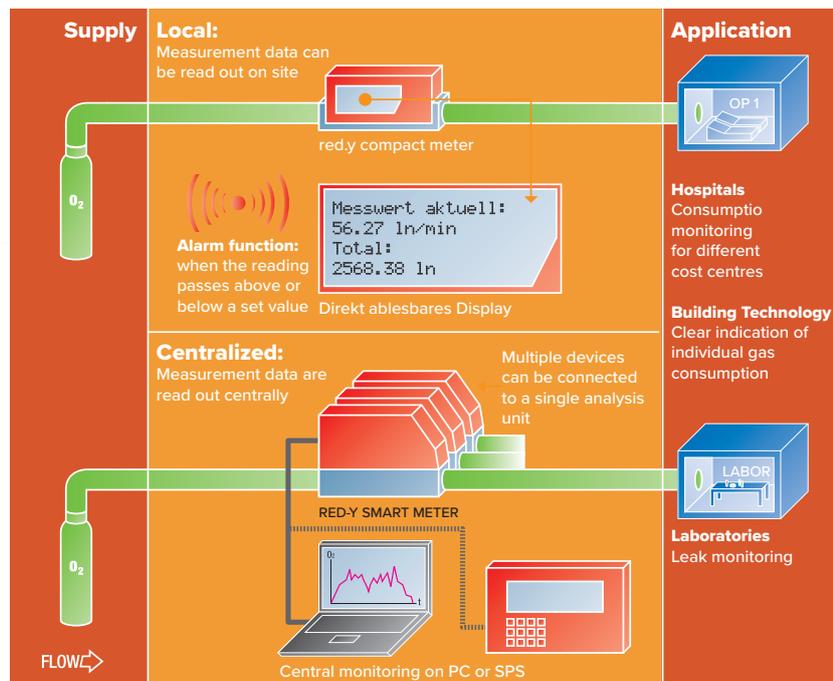
Keep track of costs and consumption!

Automatic or manual – Vögtlin's thermal mass controllers feature high precision for the regulation of gas flow rates. When used for automatic regulation, the optimized interaction of the measuring unit and the regulating valve permits complex regulation tasks to be implemented efficiently and reliably.



red-y compact 2 series

The touch display offers intuitive navigation. All device parameters can be set via the integrated menu. Automatic alignment of the display by position sensor.



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.

Key features

- » 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

