

Leak measurement:

Highly reliable thanks to real gas calibration

Highly accurate measurements are needed for successful leak checks. As a result of calibration with the actual gas, our thermal mass flow rate meters are exceptionally accurate over the entire range of measurements. The measurements can be evaluated in many different ways, according to particular needs.

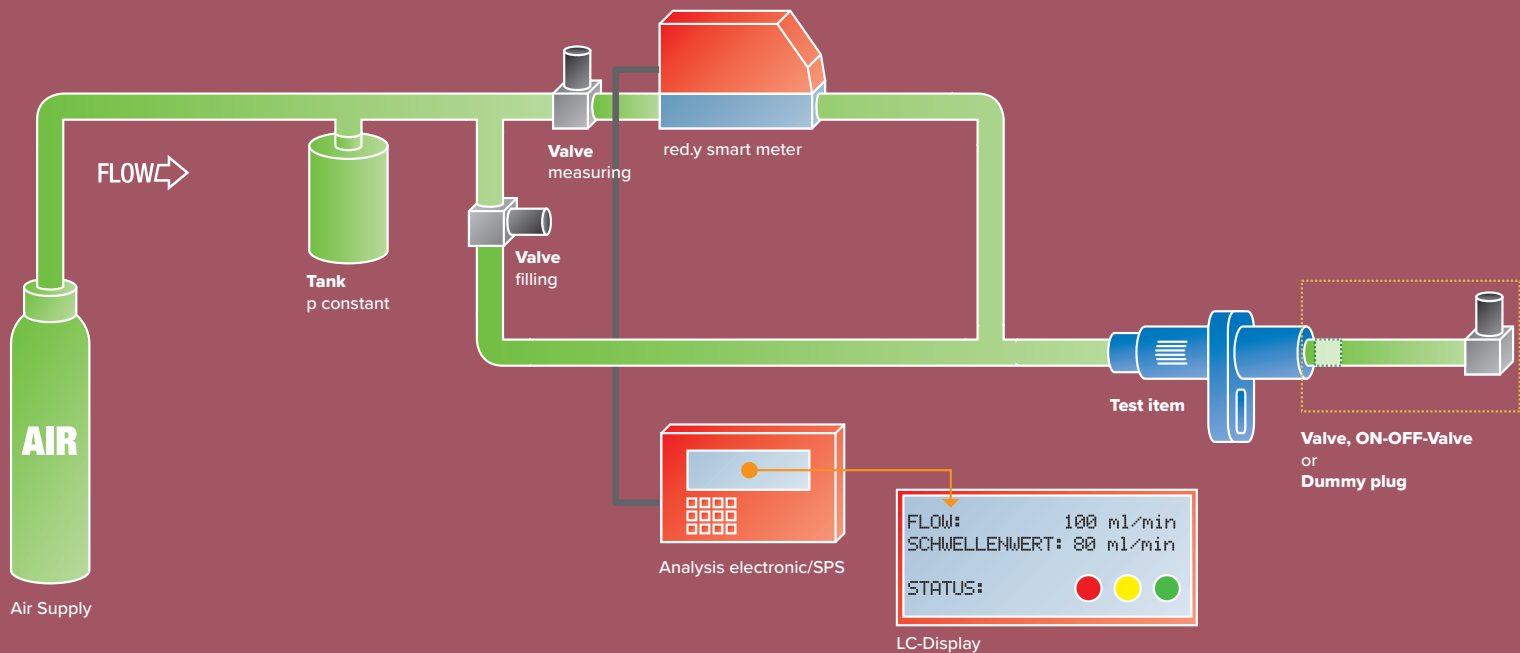


Fig. 1 Functional scheme of leak measurement



Fig. 2 red.y smart meter & controller:

The high precision and tight sealing of the thermal mass flow meters and mass flow controllers is remarkable.

Key Features

- ★ Highly accurate measurement (real gas calibration)
- ★ Evaluation of threshold through an external signal
- ★ Very fast response time
- ★ High productivity

Interfaces

- ★ Analog
- ★ Modbus RTU
- ★ Profibus DP-V0/DP-V1
- ★ Profinet / EtherCAT

Typical applications

- ★ Absence of leaks in gas supply systems:
 - Chemistry, Medicine**
- ★ Leak measurements on test items (valves, engine blocks, etc.):
 - Leak test equipment, calibration leaks, quality assurance**

