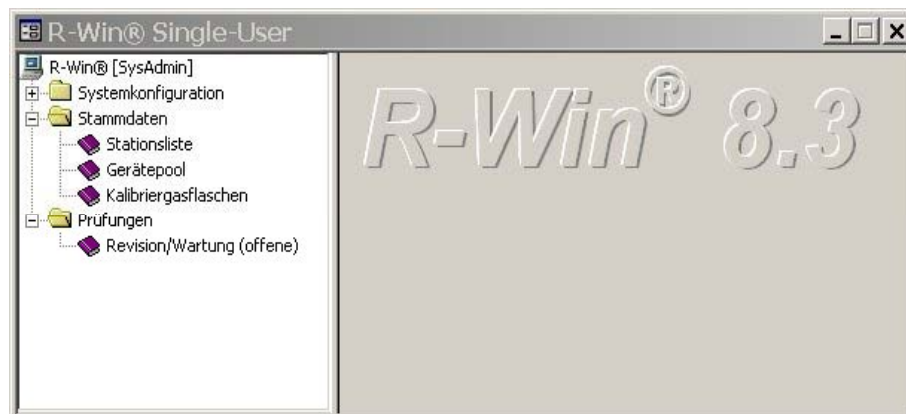


# PSIR-Win® Revision and Calibration of Gas Measuring Devices



## Your Tasks

The aim of device revision is to regularly check the accuracy of all billing related gas measuring instruments. This has to be done in order to minimise measurement errors and the associated commercial risks. In order to obtain reproducible inspection results, both partners must agree upon a set of standardised procedures.

## Our Solution

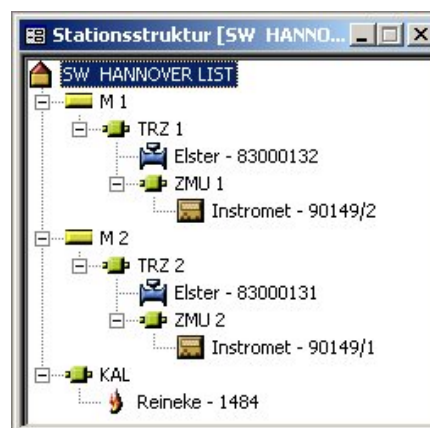
In order to meet these complex requirements, many centralised and decentralised (notebook) functions are available in an integrated system environment: PSIR-Win®, the revision system for Windows.

Master data which is related to stations and devices is managed in a structured way either centralised or decentralised; data integrity is guaranteed by selected uploads and downloads. The operator carries out tests and prepares the revision reports and calibration protocols with user-friendly functions on-site.

The collection of the measured values takes place either manually or automatically. All necessary procedures for evaluating the tests are integrated in the system.

The monitoring of appointments, revision history and trend displays are also important features of the application.

The PSIR-Win® revision system is our standardised system for effectively fulfilling all tasks associated with the revision and calculation of gas measuring instruments.



## System Functions

### Equipment Structure and Device Data

- Hierarchal and structured display of logical equipment structure
- Device Data Flyers
- Additional information about the devices and equipments are available as integrated text and image files



the revision work is to a large extent simplified. The partially automated acquisition of measurement values and secure comparison with the central database reduces not only the work done on-site, but also the data maintenance costs.

PSIR-Win® creates revision reports and calibration protocols at the press of a button for all implemented tests; all documents are immediately available for partners. By using standardised evaluations, including historical data, one can promptly recognize the slow moving changes in trends.

### Revision and Calibration On-site

- Planned procedures
  - Volume corrector inspection
  - Counter comparison measurements
  - Testing of gross caloric value measuring instruments such as gas chromatographs and calorimeters
- Non-scheduled procedures (on demand)
  - Commissioning and decommissioning testing of devices
  - Calibration
  - High and low pressure testing

### Your Benefit

#### Maximum measuring accuracy and security with minimal costs

Since both the centralised and decentralized components of PSIR-Win® are equipped with uniform user interfaces and have identical functionality,

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