

The tools for Helium Handling and Helium Surveillance were developed by a team led by Dr. Klaus Kiefer from the Helmholtz-Zentrum Berlin.

They are distributed by HZDR Innovation GmbH.

CONTACT

Dr. Klaus Kiefer
Dr. Bastian Klemke

helium@hzdri.de

HZDR Innovation GmbH
Bautzner Landstraße 400
01328 Dresden, Germany



More information:

www.hzdr-innovation.de/en/products/helium-management-system/

Tools for Helium Handling
and Helium Surveillance



Helium Management System

Prevent Helium Losses:
measure - overview - control



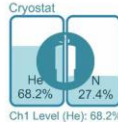
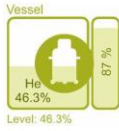
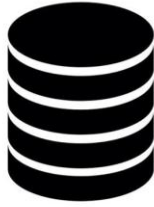
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Helium Management System

- **Wireless data acquisition**
- **Customizable database**
- **Seamless hardware integration**
- **Automated analysis & evaluation**

WIRELESS LEVELMETER:

- Measure the Helium level of vessels
- Localization by automatic and manual assignment

BASE STATION:

- Connection points for all wireless measurements

GAS COUNTER READOUT:

- Transmit the Helium flow in the recovery system
- Wireless and LAN version

WIRELESS READOUT FOR CRYOSTATS:

- Transmit the Helium level of cryostats
- Profit from existing hardware

DATA COLLECTION SOFTWARE:

- Establishes communication between readout devices and database
- Allows for setup, service and maintenance of the Helium Management System

HELIUM MANAGEMENT DATABASE:

- Backbone of the Helium Management System
- Stores information about all devices (volume of vessels etc.)
- Stores data from Data Collection Software

VISUALIZATION:

Floorplan

Network

