

Seminar

Automated Leak Testing

14.+15.3.2017, 9:00-17:00 in Cologne

Target: The participants know the theoretical and practical basics for setup and control of Leak Testing Machines. They know the most important factors regarding the performance of a Leak Testing Machine.

Day 1

Physical Basics of Leak testing in Vacuum

- Testing direction, chamber pressure, time constant, outgassing

Operation and Optimization of Vacuum Leak Testing Machines

- Max. inlet pressure, calibration, dynamical measurement, partial flow measurement, background and background compensation (ZERO), conductance, signal filtering

Day 2

Basics of Accumulation Leak Testing

- Accumulation time, advantages and disadvantages of accumulation
- The correct setup of an accumulation machine

Robotic and Manual Sniffing

- Sniffer gas flow, sniffer speed, sniffer distance, detection limit

Modern Control of Leak Testing Machines

- Ethernet IP, Profibus, Profinet, DeviceNet

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Participation Fee: 890 € + VAT
Limited number of participants.
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