

# Training Helium leak testing and vacuum technology

## Theory.



- Vacuum - basics.
- Vacuum pumps.
  1. Rotary vane pumps.
  2. Turbo pumps.

- Vacuum measurement
  1. Pirani
  2. Penning

- Vacuum materials and components.
  1. Materials.
  2. Valves and components



- Helium leak testing and leak locating.
  1. Basics.
  2. Helium leak detector components.
  3. Helium leak test systems.

## Practical

- Using the ASM142 in sniffing mode
- Using the ASM142 in hard vacuum mode

