

3P INSTRUMENTS

DETERMINATION OF HE-DENSITY



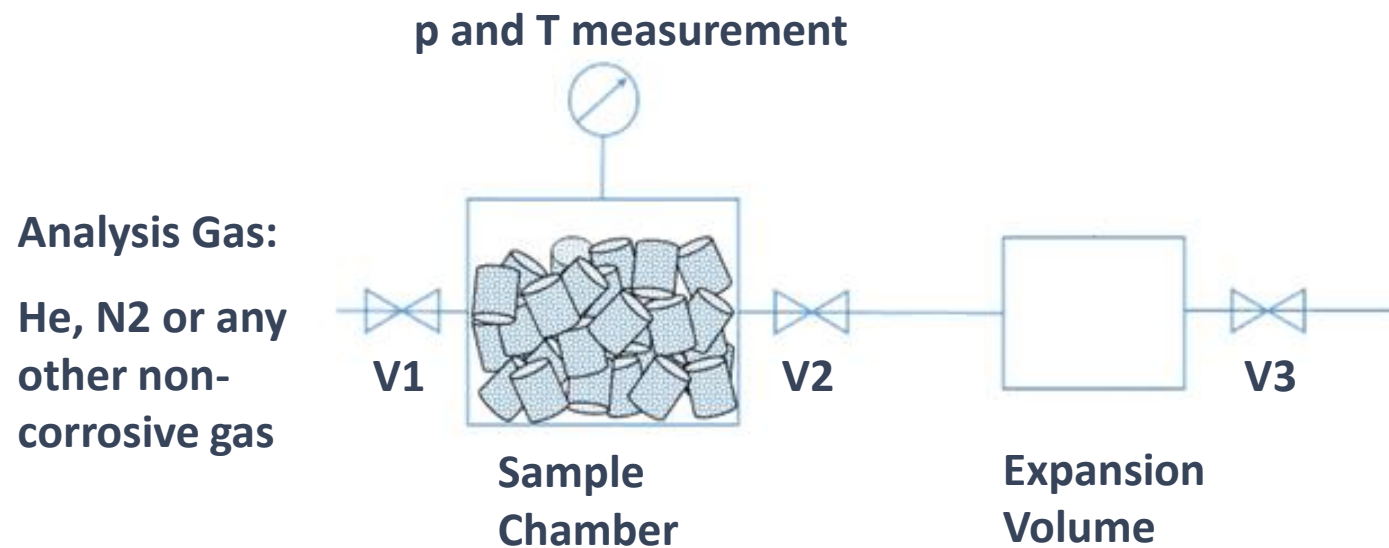
Characterization of
particles • powders • pores

3P DENSIT 100



- Fully automated true density analyzer for Powders, Bulk Solids and rigid Foams
- Automated repeats, 10 inch Touch Screen (“stand-alone”), PC software for reports
- 100 cm³ Standard sample chamber, 10 cm³ optional

- True Density Analysis
- Open and closed cell measurement of rigid Foams



- **Mainly for solid samples (liquids may be analyzed, if fully degassed and if analysis gas is insoluble in liquid)**
- **Requires an analytical scale for precise determination of sample mass**
- **Standard application: Expansion of He into calibrated reference volume**
- **Suitable for polymers and plastics (may require the use of N₂ due to He creep)**
- **Suitable for Foam pycnometry for closed pore content determination with SF₆**

- Instrument will be released in September 2019
- Thermostatisation through Peltier-Cooling
- Two cell setups – 10 cc and 100 cc
- Can be connected to a network
- Can be interfaced with a printer