

# 「HYDROGEN TESTING LABORATORY」

Thermodynamic and Transport Properties of Hydrogen Mixtures





## THE HYDROGEN TESTING LAB

At fluidXlab we redefine how thermodynamic and transport properties of hydrogen mixtures are determined. We continuously develop testing procedures to perform hydrogen testing faster, safer, highly accurate and with less fluid volume required. This ultimately cuts costs and time to project implementation and helps our customers to outperform.

### THERMODYNAMIC AND TRANSPORT PROPERTIES OF HYDROGEN MIXTURES

Thermodynamic and transport properties of hydrogen mixtures must be well understood along the complete value chain, including but not limited to transport and storage. fluidXlab has the technology to prepare and characterise complex hydrogen mixtures at extreme pressure and temperature conditions.

### YOUR BENEFITS

fluidXlab offers access to a specialised hydrogen lab:

- ▮ Complex gas mixture preparation, GC, and NMR analysis
- ▮ Diffusion (liquid-liquid, gas-gas, gas-liquid)
- ▮ Viscosity and density
- ▮ PVT Analysis
- ▮ Solubility, interfacial tension, and multicomponent adsorption

Contact us today and talk to one of our fluidic experts!  
[fluidXlab@hoteng.com](mailto:fluidXlab@hoteng.com) | [fluidXlab.com](http://fluidXlab.com)

