

Next-Generation Fluid Analysis For Your Laboratory

SapphireLab is a turnkey microfluidic system for industrial fluid analysis

Based on over 10 years of research and development and fluid property measurement and analysis for our clients, SapphireLab is a ready-to-use solution that can handle most of the work done today by a PVT Cell, Core Flood, Slim Tube, Proppant Pack and other specialty tools.

SapphireLab is capable of operating at the highest pressures (1034 bar/15,000 psi) and highest temperatures (200°C/390°F) of any microfluidic system.

Conduct several fluid property measurements with a single system:

- Constant composition expansion (CCE)
- Live oil density and viscosity
- Minimum miscibility pressure (MMP)
- Oil swelling
- Enhanced oil recovery
- Regain conductivity
- Fracture fluid optimization
- Flow assurance



Built for better quality, complete data every day



Fast

Results in hours not months



Lower Sample Volume

Get more data with less sample



Visual

See what you've been missing

SapphireLab offers a highly scalable, proven solution to the most common challenges of oil and gas companies.



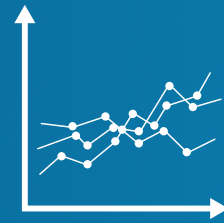
Operator Independence

Automation enables consistent results.



Portability

Place SapphireLab closer to site and reduce cost and hassles.



Deeper Insights

Get deeper insights for better decision making.

Convenient, centralized command center for your experiments.

- Centralized experiment planning and reporting through an easy-to-use portal accessible anywhere anytime
- Complete experiments faster with greater repeatability
- Operator independent performance
- Sophisticated hardware control
- Increased productivity in performing fluid experiments
- Perform experiments with less technical expertise required than traditional methods



About Interface Fluidics

Interface Fluidics is a leading technology company providing energy industry clients insights to the interactions and properties of reservoir fluids to help them improve their financial performance and ensure the responsible development of their oil and gas assets. We provide clients with an unprecedented opportunity to access fluid data much faster and easier than traditional fluid analysis methods. Since 2016 we have been proud to serve over 30 clients on over 200 successful projects.



Contact us today to learn how SapphireLab will work in your lab.