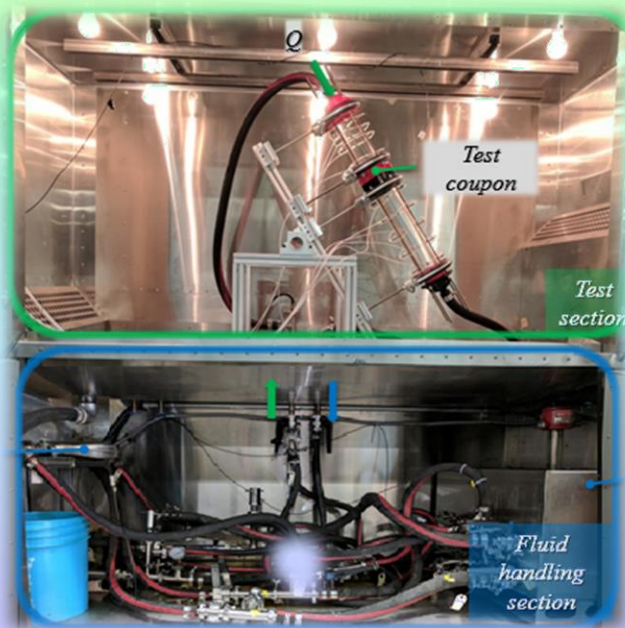




## Testing Department

# Multiphase-multicomponent pressure measurement flow loop



Virtual Prototyping Services  
<https://SimAltum.com>  
807-700-5504



A highly customizable flow loop for pressure measurement for multiphase/multicomponent flow in a temperature controlled environment. The flow loop was originally built by RGL to measure pressure drop across test coupons having a specified geometry it has been significantly modified by The NobesGroup to improve the measurement scheme and automation.

## **CAPACITY**

- Conveys viscous liquid at up to 26 liters per minute
- Two progressive cavity pumps and two reservoirs
- Built-in viscometer
- Equipped with temperature controller
- Includes Coriolis flow meter
- Submersible heater and in-line heat exchanger

## **SPECIAL FEATURES**

- Enables pressure/temperature measurement at multiple locations as needed
- Easily configurable test section
- Automation and data logging achieved by a custom built software
- Fully insulated exteriors for minimal heat loss



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