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Core Lab

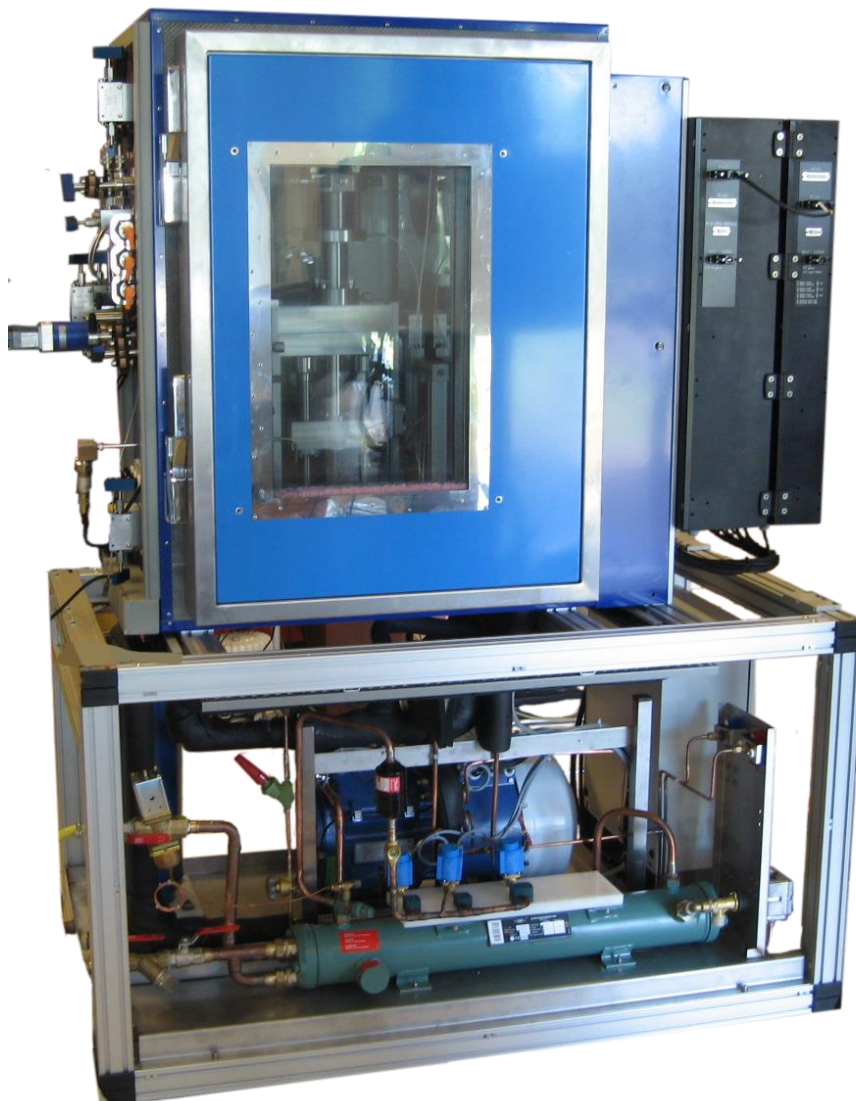


PVT Cell 100 ml 500 bar Datasheet

Reservoir Fluid Analysis - PVT / PVT Studies



PVT 100/500



General Features

Our High Pressure Gas-Liquid Phase Equilibrium Measuring System PVT 100/500 has been designed to measure the vapor-liquid and vapor-liquid-liquid phase equilibrium.

Specifications	
Max. Working pressure	500 bar
Temperature range	-40°C to +260°C
Equilibrium Cell Volume	100 ml
Visual volume	35 ml
Accuracy on measurements:	
Pressure	0.1%
Temperature (air bath)	±0.3°C
Temperature (cell)	±0.1°C

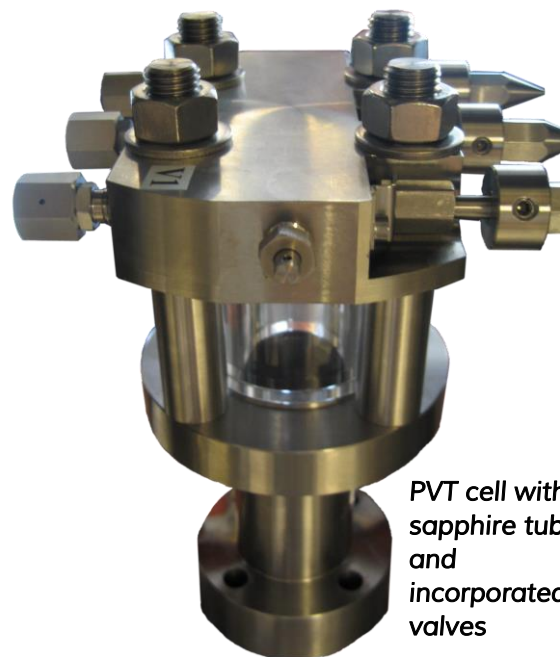


PVT 100/500

Characteristics

The equipment is delivered with :

- Motorized piston equilibrium cell 100mL/50 MPa
- Sapphire tube on the top of the cell (visual volume: 35 mL)
- Magnetic stirring
- Climatic air bath
- Vacuum pump (option)
- GC sampling valve lop (option)
- Video camera with zoom and display on PC
- Computer control software for data acquisition and processing
- Transfer sample system (piston bottle and manual pump) (option)



PVT cell with sapphire tube and incorporated valves

Example of synoptic

