VINCI TECHNOLOGIES
Laboratory and field instruments for Petroleum Industry

ISO 9001 BUREAU VERITAS Certification

PHASE BEHAVIOR PVT SYSTEM

High Pressure 1000b - 15000PSI

High Temperature 200°C - 400°F

Cooling option -20°C - 253°K

180° Rocking System

Mercury - Free

FLUID EVAL

VIDEO Tracking System

Automated Experiment

High Viscosity Magnetic Stirrer

Applications:

- Description of phase behaviour for black oils and gas condensates.
- Detection of solid phase (asphaltene and wax) in reservoir fluids at high pressure and high temperature
- Recombination of petroleum fluids

Benefits:

- High level of automation
- Mercury free operation
- Flexible modular design

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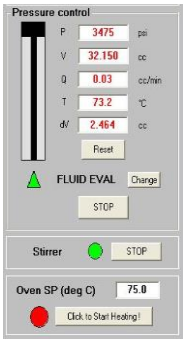
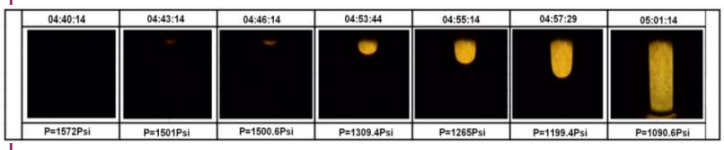
Features:

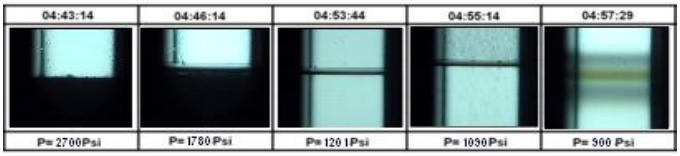
- Pressure rating to 100 MPa (15 KPsi)
- PVT cell capacity of 1000cc
- Temperature up to 200°C with optional sub-ambient temperature capability
- Stainless Steel or hastelloy wetted parts according to level of corrosive fluids
- Efficient magnetic stirrer with ability to mix viscous fluids
- High pressure embedded pump to measure fluid volume very accurately at reservoir conditions
- Single versatile head for all types of reservoir fluids
- Rocking system to invert the cell in upper position for oil studies and lower position for gas condensates studies
- Test sequencer to program and run test sequences automatically
- Compatible modules can be incorporated for viscosity, density measurement, solids detection
- Automated video tracker for retrograde liquid volume measurement and saturation point detection
- Recording capabilities to export test data in excel files as well as video images for further retrieval



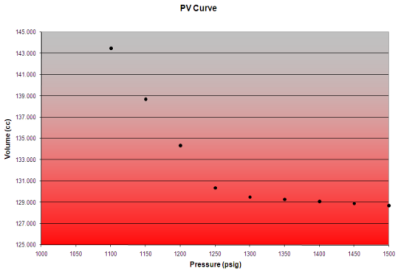
The Fluid Eval analyzer is the perfect tool to recombine and study with extreme accuracy the vapor-liquid-aqueous-solid equilibria of reservoir fluids including heavy, light and volatile oils, wet and dry gas condensates. Flow assurance studies including wax and asphaltene detection studies can be performed with this instrument.

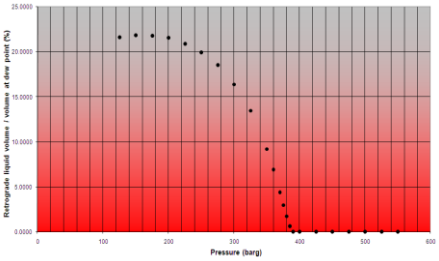


Recording bubble point from black oil



Recording dew point and retrograde liquid deposit from gas condensates





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