



PVT 300/700 FV EDU



General Features

Our Full visual PVT 300ml/700bar cell – Educational purpose has the same analysis capabilities than our best sellers PVT FV with downgraded pressure/volume ratio and less automatism (automatic rotating mechanism, automated pneumatic valves).

Specifications	
Max. Working pressure	700 bar (70 Mpa)
Max. Working Temperature	Ambient to 180°C
PVT Cell Volume	300 ml
Visual volume	300 ml
Accuracy on measurements:	
Pressure	0.1 bar
Temperature	±0.1°C
Liquid deposit	0.005 ml
Bubble/dew point repeatability	±0.35 bar
Resisting corrosive abilities	CO2 and H2S

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Measurements

The PVT FV EDU can perform the full range of experimentations That PVT FV can perform with crude oil, volatile oil or gas condensate:

- Constant Compositional Expansion
- Constant Compositional Depletion
- Separator Test
- Differential Vaporization
- Fluid Envelop Phase
- Constant Volume Depletion

Characteristics

- Constant temperature control system
- Stirring by magnetic coupling
- Automatic valves
- Control cabinet
- Calibrated pressure sensor and temperature sensor
- CCD digital video camera 6M pixels
- Data acquisition and processing system
- High pressure valves, pipes and filters

Example of synoptic

