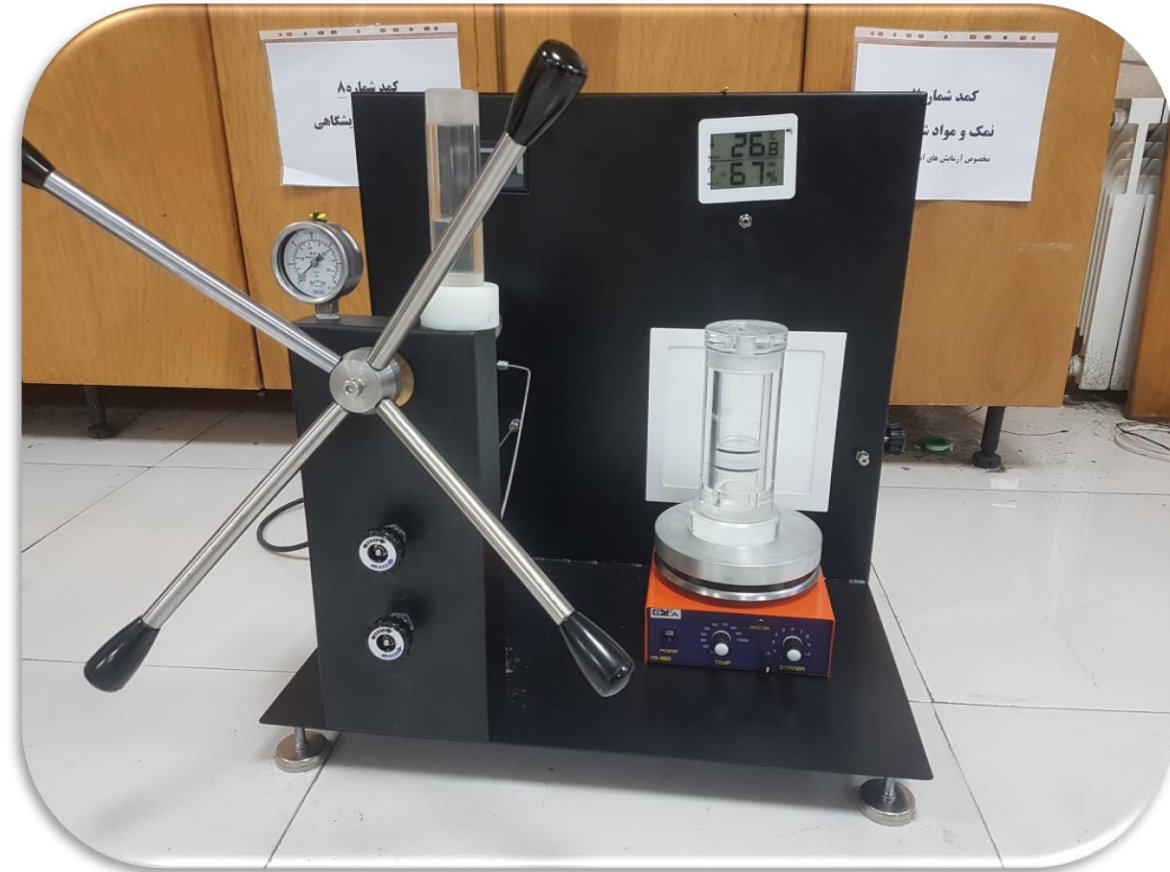


Educational PVT



Description

This apparatus is designed to be used in educational laboratories of reservoir fluid properties. It is equipped with a Plexi-glass cell to investigate the PVT test visually. Bubble point of mixtures of synthetic petroleum fluids could be detected visually. Also, using a precise injection pump, a CCE test could be conducted.

Educational PVT

Specifications

- Performing PVT test visually;
- Detection of bubble point for petroleum synthetic mixtures;
- Conducting CCE test using a constant pressure injection pump;
- Plexi-glass cell to conduct usual PVT test;
- Equipped with a manual pump to set the cell pressure;
- Working cell pressure: up to 500 psi;
- Working manual pump pressure: 2000 psi;
- Working temperature: ambient;
- Equipped with a pressure transmitter and a pressure gauge to measure the cell pressure;
- Pressure measurement accuracy: 0.25% F.S.;
- Equipped with a digital temperature indicator to measure test (room) temperature;
- Temperature measurement accuracy: 0.1 °C;
- Equipped with a digital pressure indicator;
- Equipped with a manual pump, a magnetic stirrer
- Equipped with an analogue magnetic stirrer to homogenize the petroleum mixture in the cell;
- Stainless steel (SS-316) line and connections.