



Design and Manufacture of
Oil and Gas Equipment

Mobile Recombination Cell

The mobile recombination cell apparatus is based on a high pressure, high temperature recombination cell in which oil and gas solutions are injected at pre-defined volume, stirred together and pressurized at pressure above the saturation pressure for few hours to give a homogenous mixture of the reservoir fluid. The instrument comes with a motorized rocking system and a driver. With this driver, the changing in motor rotary speed is available.





Design and Manufacture of Oil and Gas Equipment

Mobile Recombination Cell

Feature:

Max pressure: 700 bar (10,000 psi)

Max temperature: 150°C

Cell volume: 1Liter

Wetted material: Hastelloy

Power supply: 220 VAC, 50/60 Hz

The following features can be added to the apparatus upon your request:

- Recombination cell jacketed with a heating mantle for temperature control.
- A mixing ball in the sample chamber of the cell for proper agitation of the heavy oil samples
- A temperature and pressure display panel.