



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.





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### **Mobile Recombination Cell**

**Feature:**

**Max pressure:** 400 bar (6,000 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.