



Taha Kimia TajhizCo.



Core Lab



Recombination Cell

3000/500 LT

Datasheet

Reservoir Fluid Analysis-PVT\Recombination Cell



Recombination Cell 3000/500 LT



Specifications	
Working Pressure	500 bar (7 255 psi)
Working Temperature	-5°C to 180°C
Volume	3000 ml
Pressure Accuracy	± 0.1 bar
Temperature Accuracy	± 0.1°C

ST recombination cell enables to mix oil/gas sample thanks to a hydraulic piston with a packing in Teflon/Vespel. It is possible to work under high pressure (500 bar) and thanks to the cooling/heating system to reach a range of temperature from -5°C to +180°C. A sample of 3000 ml can be introduced and the cell can be reversed. The head of the cell is equipped with two manual valves.

The equipment is delivered with a sturdy frame which can be wheeled in order to move it easily in a laboratory and to associate it with different PVT systems.

Temperature, pressure and volume are displayed with high accuracy on an electric cabinet. All these parameters can be adjusted upon customer request.