

Recombination Cell Apparatus

Mixing oil and gas samples to produce live oil

Recombination cell is used to mix oil and gas samples to regenerate reservoir fluid sample (live oil).

Experiment Description

Oil and gas solutions are injected at desired volume, heated at a desired temperature and pressurized at pressure above the saturation pressure for few hours to provide a homogeneous mixture of sample representing reservoir fluid.



Specification	RC -BR01	RC -PR01	RC -PS01
Pressure Accuracy	1% F.S.	0.1% F.S.	0.05% F.S.
Working Temperature	Up to 150°C	Up to 150°C	Up to 150°C
Temperature Accuracy	± 0.5 °C	± 0.1 °C	± 0.05 °C
Cell Volume	1000 cc	2000 cc	2000 cc
Rocking Systems	Manual	Motorize	Motorize
Working Pressure: up to 6,000 Psi	✓	✓	✓
Input Power Supply: 220 VAC, 50Hz	✓	✓	✓
Stainless Steel Material	✓	✓	✓
User Friendly Automated Data Acquisition Software	✗	✓	✓
Computer System	✗	✓	✓
Electric Mixing System	✗	✓	✓

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