Taha Kimia TajhizCo.

Core Lab

Auto Flood Reservoir Conditions with Miscible Gas Module, AFS-300

Datasheet

Special Core Analysis Laboratory (SCAL)/ Coreflooding

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Auto Flood Reservoir Conditions Coreflooding Systemwith Miscible Gas Module, AFS-300

Auto Flood Reservoir Conditions Coreflooding System with Miscible Gas Module is a semi-automated, modular Core Flooding system that is configured for unsteady-state relative permeability tests. Core Flooding experiments in single and multi-phase displacements are available in manual and semi-automatic mode, addition of the gas delivery system allow performance of gas displacement experiments. This system is specifically configured to take advantage of Core Laboratories' 50 years of performing waterflooding and simulation experiments. The base system is configured for liquid/liquid displacements under unsteady state conditions and the addition of the gas delivery system allows Gas/Liquid displacement experiments under unsteady state conditions or miscible flood experiments to be performed. The system is rated to 10,000 psig confining pressure, 6,000 psig pore pressure at 300 °F temperature. The system features automated data acquisition, manual and semi-automated operation via a Windows based graphical interface. Addition of optional components allows the system to be used for flow through acid studies, critical velocity with reverse and forward flow and polymer flood experiments.

Scope of Supply:

Reservoir Conditions Oven, windowed convection oven, Hazardous Operation classification rated to 450 °F. Requires 3 phase 240 volts, 21.6 amps power supply.