



Taha Kimia TajhizCo.



Core Lab

Core Flood Re-Circulating Pumping System, AFRS-400 Datasheet

**Special Core Analysis Laboratory (SCAL)/
Coreflooding**



Core Flood Re-Circulating Pumping System, AFRS-400

Core Flood Re-circulating Pumping System (Steady-State), allows for the recirculation of fluids to maintain rock-oil-brine chemical equilibrium, and thus wettability, leading to the production of more representative relative permeability curves and thus realistic reservoir production predictions. Proprietary software allows for the ramping of individual pumps to achieve true pulse-less transitions by adjusting system pressure and flow rate. The circulation is by a 5 pump Quizix Q5000 pump system two pairs of Quizix Q5000 pumps re-circulating the fluids whilst the fifth is used to maintain constant pressure in the re-circulation system.