

The core flooding system is designed and constructed in a very flexible and modular fashion; therefore it can be employed in most of the upstream studies with appropriate modifications. Different types of experiments could be conducted using this apparatus such as; conventional fluid injection, chemical flooding, gas injection, MEOR, acidizing, porosity and permeability measurement, and many other tests required on the reservoir rock samples at reservoir condition. The followings are two examples of setup modifications for MEOR, and core acidizing purposes.

Core acidizing equipment

- Wide range of core acidizing experiments
- Minimum acid wetted area



- Corrosion free fluid accumulator (even with severely active acids)
- Digital data logging and control system
- User friendly application
- Wide range of temperature and pressure experiments
- Minimum dead volume

