

# General Core Flooding

## CF-E10



### Description:

The CF-E10 apparatus is designed to evaluate and optimize oil recovery for different injection protocols and fluids, including miscible and immiscible gas injection, surfactant injection, polymer injection, etc. It is rated for a maximum pressure and temperature of 400 bar and 100°C, respectively, under unsteady state conditions at confining pressures up to 400 bar. The system comprises four different transfer vessels and one core holder, allowing it to execute various injection scenarios. One of the transfer vessels is a min

### Technical Specification:

- Hassler core holder
  - o Core diameter: 1.5"
  - o Maximum core length: 3.5"
- Maximum working pressure: 400 bar
- Maximum confining pressure: 400 bar
- Pressure transmitter × 2
- o Pressure transmitter accuracy: 0.5% full scale
- Maximum working temperature: 100°C
- Temperature resolution: ±1°C
- Fluid accumulator × 2: 500 cc
- Pressure gauge × 2
- Hydraulic pump



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