

Core Flooding (CF-E30)



Description:

Water Flooding is a common test to determine rock permeability and how will interact a core sample in various fluids. The Water Flooding evaluates and optimizes oil recovery, based on different injection protocols and fluids, such as miscible and immiscible gas injection, surfactant injection, polymer injection and etc.

Technical Specification:

Hassler core holder
Core diameter: 1.5"
Maximum core length: 4"
Maximum working pressure: 1000 bar
Maximum confining pressure: 1000 bar
Maximum working temperature: 180 °C
Pressure transmitter: 1000 bar
Pressure transmitter accuracy: 0.25% full scale
Temperature Resolution: ± 1 °C
Differential pressure transmitter: In three ranges ,0-5 bar, 0-20 bar, 0-137 bar
Differential pressure transmitter accuracy: 0.25% full scale
Accumulator
Pressure gauge
Hydraulic pump
Touch panel equipped with software to view pressures and pressure differences