

Liquid-Liquid Unsteady State Relative Permeameter URP-ES20



Description:

The Unsteady-State Relative Permeability Measurement System, URP-ES20, is designed for basic and cost-effective linear displacement tests for immiscible and incompressible fluids. The system is capable of performing various injection protocols to measure relative permeability using different analysis methods, including Johnson-Bossler-Naumann (JBN), modified JBN, Toth et al., and the Jones-Roszelle methods. The unsteady-state method is particularly suitable for measuring endpoint values of the non-wetting phase. The URP-ES20 system provides a versatile facility for conducting unsteady state relative permeability studies for liquid/liquid at reservoir temperature.

Technical Specification:

- Hassler Core Holder
 - o Core Diameter: 1.5", Maximum Core Length: 3.5"
 - o Maximum Working Pressure and Maximum Confining Pressure: 400 bar
- Touch Panel: Equipped with software for automatic pressure and temperature recording
- Top of Form
- Off-line Software for Calculating Relative Permeability using JBN, Modified JBN, JR, and Toth et al. methods
- Differential Pressure Transmitters × 2
 - o Differential Pressure Transmitter Accuracy: 0.25% full scale
- Fluid Accumulators × 2: 500 cc
 - o Miniature Fluid Accumulator: 100 cc for system rinsing
- Pressure Transmitter, Accuracy: 0.25% full scale
- Working Temperature: Ambient
- Hydraulic Pump



Shiraz Technology Park of Chemical Industries, Industrial Estate, Shiraz, Iran

Tel No: +98 7137744659

Phone No: +98 9177106084

Email: eortech.official@gmail.com

Website: fet-co.com