

Liquid Permeameter

LP-R10



Description:

Permeability is a fundamental property of rocks, indicating their capacity to allow the flow of fluids, whether gas or liquid. While gas (commonly nitrogen) or liquid (typically water) can be used to measure permeability, gas injection is generally faster, enhancing the method's applicability. However, relying solely on gas injection may necessitate corrections to align with reality. To address this, it is essential to conduct multiple tests using liquid injection to validate these corrections. A liquid permeameter has been designed for this purpose, capable of measuring permeability in the range of 0.5 mD to 100 mD. The apparatus is also rated for confining pressures up to 400 bar, enabling consideration of the effect of upper layers on permeability.

Technical Specification:

- Hassler core holder
- Core diameter: 1.5"
- Maximum core length: 3.5"
- Maximum confining pressure: 400 bar
- Pressure transmitter
- Pressure transmitter accuracy: 0.5% full scale
- Permeability range: 0.5-100 mD
- Pressure indicator
- Pressure gauge
- Hydraulic pump
- Injection pump not included



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