

دستگاه اندازه گیری تراوایی با مایع

Liquid Permeability Measurement (LPAA-400)



Apex technologies co. The robust liquid permeameter allows the determination of a plug- sized core sample's absolute permeability at ambient temperature and moderate confining pressure. This is achieved by virtue of the steady-state method; specifically, permeability is obtained by inputting the measured pressure gradient and flow rate into Darcy's law for one dimensional flow in porous media. The instrument comprises a hassler core holder, The device is specifically designed to teach students the principles of liquid permeability in a clear and efficient manner. The short duration of the experiment reinforces the practicality of this apparatus in an educational setting.

Catalogue
كتالوج

Technical Specifications:

- ✓ Permeability range: 1 to 1000 mD
- ✓ Coreholder: Hassler type (easy load type)
- ✓ Core diameter: 1.5"
- ✓ Core length: 1-3.5"
- ✓ Confining pressure: 400 bar
- ✓ Confining valve: VEE LOK
- ✓ Hydraulic hand pump
- ✓ Pressure transmitter: Rosemount (USA)
- ✓ Pore pressure: 1000 psi
- ✓ Pressure accuracy: 0.05 % FS
- ✓ Pressure indicator
- ✓ Valves: Swage Lok/Whitey (USA)
- ✓ Confining pressure gauge: 600 bar

