

Manual Reservoir Permeability Tester



Brand: OFI Testing Equipment, Inc.

Product Code: 127-00

Availability: Out Of Stock

Description

<p>The permeability of a petroleum reservoir is one of the most influential parameters in determining the production capabilities of a producing formation. Permeability is a measure of the ability of a fluid to flow through a porous media when subjected to a differential pressure and is mathematically equated by Darcy's law.</p> <p>The Reservoir Permeability Tester was developed to evaluate how fluids affect the permeability of a core specimen. In addition, the unit may be used to evaluate acidizing techniques and to develop typical Acid Response Curves (ARCs).</p>

<p>*Not for use with heavy crudes. Fluids must be in a liquid state at ambient temperature.</p> <h2>Features</h2> Manual valves enable forward and reverse injection through core holder for 3 separate fluids and nitrogen gas Hassler-type core holder rotates for either horizontal or vertical testing orientation Wetted materials are 316 Stainless Steel (HC-276 is available on request) Two-piece cabinet construction, with storage area below and locking swivel castors for mobility Comes with PC and data acquisition software <h2>Specifications</h2> Core holder can test cores 1" or 1 ½" diameter x 6" maximum length Accumulators: three separate piston accumulators, 1.5 liters each Drive Pressure: 3,000 PSI maximum Confining Pressure: 5,000 PSI maximum Back Pressure: 1,000 PSI maximum Core Holder Temperature: 400°F (204.4°C) maximum Fluid Injection Flow Rate: 0 to 10 ml/min Size: 44" wide x 20" deep x 60" tall (112 x 51 x 152 cm) Weight: 760 lb (344.7 kg) <h2>Requirements</h2> Air: 100 PSI Nitrogen: 2,000 PSI Water: tap pressure (30 to 40 PSI is typical) Electrical: 230 VAC, 30 amps <h2>Part Number</h2> #127-00

Product Gallery