Automated Gas Permeameter

Brand: OFI Testing Equipment, Inc.
Product Code: 127-80
Availability: 1

Description

<p>The Automated Gas Permeameter is designed to measure the permeability of core specimens 1.5" in diameter and up to 4" in length. The core specimen is placed into a quick access core holder with a stationary core boot. Confining pressure constrains the core inside the boot while gas flows through it. Dual auto-switching mass flowmeters measure the flowrate of the gas through the core. The software controls the confining pressure and inlet pressure on the core while calculating the permeability.</p> <h2>Features</h2> Measures permeability of a core sample Quick access core holder with stationary boot makes loading and unloading the core sample quick and easy Dual auto-switching mass flowmeters provide greater accuracy over the measurement range Software controls confining pressure and gas inlet pressure while calculating and recording permeability over time <h2>Software Features</h2> Controls confining pressure and gas inlet pressure Records confining pressure, mean pressure, inlet pressure, and outlet pressure Customer test builder provides detailed control over test parameters <h2>Specifications</h2> Confining Pressure: 10,000 psi (69 MPa) Gas Inlet Pressure: up to 115 psi (793 kPa) Flowrate Range: 0 - 500 sccm (dual scale) Temperature: Ambient Core Diameter: 1.5" (4 cm) - other sizes available Core Length: up to 4" Size: 27" × 21" × 21" (69 × 53 × 53 cm) Weight: approximately 180 lb (81.6 kg) <h2>Requirements</h2> Gas: Helium or Nitrogen - up to 115 psi (793 kPa) Air: up to 140 psi (965 kPa) Electrical: 115/230 VAC, 50/60 Hz <h2>Part Number</h2> #127-80