Automated Gas Permeameter



Brand: OFI Testing Equipment, Inc.
Product Code: 127-80
Availability: 1
Call for Price: 832-320-7300

Description
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.

Features

- 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

Software Features

- 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

Specifications

- 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)

Requirements

- Gas: Helium or Nitrogen - up to 115 psi (793 kPa)
- Air: up to 140 psi (965 kPa)
- Electrical: 115/230 VAC, 50/60 Hz

Part Number

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