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OFITE

Gas Permeameter Datasheet

**Routine Core Analysis Laboratory (RCAL) /
Permeability**



CORE ANALYSIS EQUIPMENT

For over 30 years OFI Testing Equipment (OFITE) has provided instruments and reagents for testing drilling fluids, well cements, completion fluids, and wastewater. In addition to these product lines we also offer a range of instruments for core analysis. From our manufacturing facility in Houston, TX we provide customers all over the world with quality products and exceptional service.

Our extensive line of Core Analysis products includes equipment for preparing core samples, routine testing, and advanced analysis.

As an independent manufacturer and supplier, OFITE has one priority, our customers.

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Gas Permeameter

The Gas Permeameter is designed to measure the permeability of core specimens one inch in diameter and one inch in length. A core specimen is placed into a core sleeve, which is then inserted into the "Modified Hassler" style test cell. Nitrogen at a constant flow rate is forced through the core and the differential pressure across the core is measured. The flowrate is measured with calibrated flowmeters. Viscosity is easily determined by the use of nitrogen property tables. These variables are incorporated into Darcy's law to calculate sample permeability.



Features

- "Modified Hassler" cell accommodates cores of 1" length and 1" diameter
- Instrumentation gauge displays driving pressure
- All Hassler components are fabricated from 316 Stainless Steel
- Nitrogen test fluid

Technical Specifications and Requirements

- #120-85 Gas Permeameter

Specifications

- Crated Size: 27" x 24" x 32" (69 x 61 x 81 cm)
- Crated Weight: 160 lb (72.6 kg)