



Taha Kimia Tajhiz Co.



Ofite Co.

Gas Migration Analyzer Datasheet

**Cement Testing/ Static Gel Strength (Gas Migration)
Equipment
#**



CEMENT TESTING 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 cement product line includes innovative designs such as the Static Gel Strength Measurement Device (SGSM) which showcases our ability to develop new technology to meet customer and industry demands. We also offer Ultrasonic Cement Analyzers (UCA), Constant Speed Blenders, Automated HTHP Consistometers, and all other instruments required to evaluate cement properties according to API Specification 10.

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



Gas Migration Analyzer

The OFITE Gas Migration Analyzer helps predict and overcome the potential for gas migration after cementing. This unit evaluates both the potential and severity of gas migration at downhole conditions with the recommended slurry. This allows for the design of the most economical and reliable cement slurry for a particular well.



Features

- Monitors and records both liquid and gas flows
- Multichannel DAQ and computer control
- DAQ registers all parameters in real time
- Test can be performed on real core samples or standard fluid loss screens
- Optional chiller enables sub-ambient testing



Technical Specifications and Requirements

- #120-57 Gas Migration Analyzer, 115 Volt
- #120-57-1 Gas Migration Analyzer, 230 Volt

Specifications

- Maximum Temperature: 400°F (204.4°C)
- Maximum Pressure: 2,000 PSI (13,790 kPa)
- Crated Size: 43" × 36" × 48" (109 × 91 × 122 cm)
- Crated Weight: 469 lb (212.7 kg)
- Voltage: 115 / 220 VAC

Mesh Specifications

- Material: Stainless Steel
- Size: 325 / 60 mesh
- Diameter: 1.5" (3.81cm)

Test Cell Specifications

- Material: 316 Stainless Steel
- Diameter: 2.125" (5.4 cm)
- Height: 10.25" (26 cm)
- Volume: 25.6 in³ (419 cm³)

Requirements

- Electrical Supply: 115 / 230 Volt, 10 Amp
- Nitrogen Supply: 1,000 PSI (6,895 kPa)

OFITE Data Acquisition Features

- Reports real-time data that can be exported to an Excel, Word, or similar file
- Enables you to program multiple temperature ramps
- Operates multiple units with one computer

