



Taha Kimia Tajhiz Co.



Ofite Co.

# Dynamic Linear Swell Meter Datasheet

**Drilling Fluids Testing/ Shear Strength Equipment**



## DRILLING FLUIDS 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 drilling fluids product line includes innovative designs such as the Model 900 Viscometer, which showcases our ability to develop new technology to meet customer and industry demands. We also offer Retorts, Aging Cells, Roller Ovens, Mud Balances, Filter Presses, and all other instruments required to evaluate drilling fluid properties according to API Recommended Practice 13B-1 and 13B-2.

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

## Dynamic Linear Swell Meter

The Dynamic Linear Swell Meter is designed to simultaneously test up to four drilling fluids (expandable to eight) on a representative shale sample for extended periods of time at temperatures up to 180°F. The Linear Swell Meter is the only swell meter on the market capable of dynamically testing your fluids, so you obtain the most accurate data possible.



## Features

- Dynamic - Drilling fluid constantly circulates around the sample.
- Efficient - Can measure up to four drilling fluids (expandable to eight) simultaneously.
- Durable - Manufactured from 316 Stainless Steel.
- Electronic Data - LVDT measures expansion of sample.
- Complete - Includes dies and hydraulic press for making shale sample wafers.
- Realistic - Fluid is in contact with the wafer from all sides.





## Technical Specifications and Requirements

- #150-80 Dynamic Linear Swell Meter, 115 Volt
- #150-80-1 Dynamic Linear Swell Meter, 230 Volt

### Weights and Dimensions

Size: 20.5" × 14.5" × 25" (52 × 37 × 64 cm)

Weight: 220 lb (100 kg)

### Swell Meter and Compactor

Crated Size: 27" × 21" × 47" (65 × 53 × 120 cm)

Crated Weight: 312 lb (142 kg)

### Instrument Control

Crated Size: 37" × 20" × 32" (94 × 51 × 81 cm)

Crated Weight: 235 lb (107 kg)

## Software

- Computer-Controlled - Logs, analyzes, and updates data **real-time** so you don't have to!

