



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.



Multi Unit Retort, 50 mL

The Retort provides a method for measuring the percentage (%) of oil and water, and for estimating both suspended and dissolved solids contained in a sample of water-based or oil-based muds and cuttings. Knowledge of oil, water, and solid content is fundamental to proper control of mud properties when considering oil/water ratios, rheology, density, filtration, and salinity. Knowledge of solids in drilling fluids is essential to evaluation of viscosity control and solids control equipment.

The Multi Unit Retort incorporates five (5) 50 mL Retort units into a single instrument. Each Retort has a separate electronic temperature controller to provide accurate, reliable, and reproducible testing. The included software graphs the temperature over time for each of the five stations.



Features

- Five 50 mL Retorts in a single instrument
- Multi-unit design saves valuable bench space
- Individual electronic temperature control improves accuracy and reliability
- Digital temperature display
- Included software graphs temperature over time for each Retort



Technical Specifications and Requirements

- #165-14-5S

Specifications

- Maximum Temperature: 1,000°F (537°C)
- Cell Capacity: 50 mL
- Heating Capacity: 500 Watts Per Station (2,500 Watts total)
- Size: 36" × 17" × 23" (91 × 43 × 58 cm)
- Weight: 165 lb (75 kg)

Requirements

- Power Requirement: 230 Volt at 15 Amp, 50/60 Hz

Data Acquisition Features

- Records temperature over time for each of the five stations

