



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.

50 mL Retort Kit

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.

Electronic temperature control (available on 50 mL and 20 mL sizes) provides more accurate, reliable, and reproducible testing. The digital display shows the current working temperature, so you always know your test conditions.



165-14-2: 50 mL Retort Kit, with Electronic Temperature Controller (115 Volt)

165-14-3: 50 mL Retort Kit, with Electronic Temperature Controller (230 Volt)

Features Include:

- Recommended for testing cuttings
- Rugged, stainless steel carrying case
- Electronic temperature control
- Improves accuracy and readability
- Digital display
- Provides better reproducibility
- Ultimate in portability
- Small footprint if used in laboratory
- Accurate, tamper proof temperature controller
- Includes all accessories necessary to run a test





Technical Specifications and Requirements

165-14: 50 mL Retort Kit with Thermostat (115V)

165-14-1: 50 mL Retort Kit with Thermostat (230V)

165-14-2: 50 mL Retort Kit, with Electronic Temperature Controller (115V)

165-14-3: 50 mL Retort Kit, with Electronic Temperature Controller (230V)

Specifications

165-14: 50 mL Retort Kit with Thermostat (115V)

165-14-1: 50 mL Retort Kit with Thermostat (230V)

- Temperature Control: Standard – Electronic **Fixed** Temperature Control

165-14-2: 50 mL Retort Kit, with Electronic Temperature Controller (115V)

165-14-3: 50 mL Retort Kit, with Electronic Temperature Controller (230V)

- Temperature Control: Electronic **Variable** Temperature Control
- Maximum Temperature: 1000°F (537° C)
- Cell Capacity: 50 mL
- Heating Capacity: 500 Watts
- Power Requirement: 115 Volt at 3 Amp **or** 230 Volt at 1.5 Amp, 50/60 Hz
- Size: 9 × 7 × 12 inches (23 × 18 × 30 cm) 20 lb (9.07 kg)
- Weight: 20 lb (9.07 kg)