

# Retort Kit, 50 mL



**Brand:** OFI Testing Equipment, Inc.  
**Product Code:** 165-14  
**Availability:** 6

## Description

The Retort provides a method for measuring the percentage (%) of oil, water, and solids (suspended and dissolved) contained in a sample of water-based or oil-based drilling fluids 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.

## Features

- 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

## Specifications

- 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 x 7 x 12 inches (23 x 18 x 30 cm) 20 lb (9.07 kg)
- Weight: 20 lb (9.07 kg)

## Components

- #130-79-53-0990: Thermostat (#165-14 Only)
- #130-79-54-0990: Thermostat (#165-14-1 Only)
- #153-02: Brush, Graduate, 1 1/2" x 10 3/4"
- #153-14: Graduated Cylinder, 50 mL x 1 mL
- #165-07: Receiver Tube (JP Tube) for 50 mL Retort, Dual Scale: 0 - 100% x .5% and 0 - 50 mL x .25 mL, Certified
- #165-14-13: T-handle Drill
- #165-15-1: Condenser with Ultra-Torr Fitting, 50 mL
- #165-15-4: O-ring for Ultra-Torr Fitting
- #165-16: Retort Chamber with Lid, 50 mL
- #165-41: Corkscrew
- #165-42-001: Steel Wool, Grade 00 Fine, Package of 16 Pads
- #165-43: Pipe Cleaner
- #165-44-2 Anti Seize Compound, Silver, 7g Pouch
- #165-88: Spatula
- #280-00: Wetting Agent, 1 oz

### For 115 Volt Only (#165-14)

- #122-074-1: Fuse, 5 Amp, 5 mm x 20 mm
- #165-35-1: Heating Element, 500 Watt
- #152-37: Power Cord

### For 230 Volt Only (#165-14-1)

- #122-073-1: Fuse, 3 Amp, 5 mm x 20 mm
- #165-36-1: Heating Element, 500 Watt
- #152-38: Power Cord

## Optional

- #153-08: Brush for 50 mL Receiver (JP) Tube
- #165-07: 50 mL Receiver Tube for Retort, 2-scales, 0-100% x 0.1, 0-50 mL x 0.1 mL, with certificate
- #165-14-SP: Spare Parts Kit, 115 Volt

- #165-14-1-SP: Spare Parts Kit, 230 Volt
- #165-14-7: Special Legs for Use with JP Tubes
- #165-16-4: Retort Chamber with Threaded Tube and Lid
- #165-40: Power Cable, 115 Volt (For older model retorts)
- #165-40-1: Power Cable, 230 Volt (For older model retorts)

## **Part Numbers**

- #165-14: 115 Volt
- #165-14-1: 230 Volt