

# Retort Kit, 10 mL

**Brand:** OFI Testing Equipment, Inc.  
**Product Code:** 165-00-1  
**Availability:** 2

## 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

- Ultimate in portability
- Proven test procedures
- Reliability
- Small footprint if used in laboratory
- Accurate, tamper proof temperature controller

## Specifications

- Maximum Temperature: 1000°F (537° C)
- Temperature Control: Standard – Electronic Fixed Temperature Control
- Cell Capacity: 10 mL
- Heating Capacity: 350 Watts
- Power Requirement: 115 Volt at 3 Amp or 230 Volt at 1.5 Amp, 50/60 Hz
- Size: 7.5" x 6.5" x 11.5" (19 x 17 x 29 cm)
- Weight: 12 lb 5 oz (5.6 kg)

## Components

- #153-03: Brush, Graduate, 1/2" x 8"
- #153-18: Graduated Cylinder, 10 mL x .1 mL, Glass
- #165-31: Retort Chamber with Lid, 10 mL

- #165-32: Condenser
- #165-33: Lid for 10-mL Sample Cup
- #165-34: Spatula
- #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
- #280-00: Wetting Agent, 1 oz

### **For 115 Volt Only (#165-00-1)**

- #122-074-1: Fuse, 5 Amp, 5 mm × 20 mm
- #130-79-53-0990: Thermostat
- #152-37: Power Cord
- #165-35: Heating Element

### **For 230 Volt Only (#165-10-1)**

- #122-073-1: Fuse, 3 Amp, 5 mm × 20 mm
- #130-79-54-0990: Thermostat
- #152-38: Power Cord
- #165-36: Heating Element

### **Optional**

- #153-06: Brush for 10 mL Receiver (JP) Tube
- #165-05: Receiver Tube (JP Tube) for 10 mL Retort, Dual Scale: 0 - 100% × 1% and 0 - 10 mL × .1 mL, Certified
- #165-00-1-SP: Spare Parts Kit, 115 Volt
- #165-10-1-SP: Spare Parts Kit, 230 Volt
- #165-14-7: Special Legs for Use with JP Tubes
- #165-14-13: T-handle Drill
- #165-30: Retort Chamber with Lid, 20 mL
- #165-40: Power Cable, 115 Volt (For older model retorts)
- #165-40-1: Power Cable, 230 Volt (For older model retorts)

### **Part Numbers**

- #165-00-1: 115 Volt
- #165-10-1: 230 Volt

