

## Retort Kit, 20 mL



**Brand:** OFI Testing Equipment, Inc.  
**Product Code:** 165-80  
**Availability:** 5

### 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
- Capacity: 20 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

- #130-79-53-0990: Thermostat
- #131-15: Graduated Cylinder, 20 mL Capacity, 0 - 100% × 1%
- #153-03: Brush, Graduate, 1/2" × 8"
- #165-06: Receiver Tube (JP Tube) for 20 mL Retort, Dual Scale: 0 - 100% × .5% and 0 - 20 mL × .1 mL, Certified
- #165-14-13: T-handle Drill
- #165-15-4: O-ring for Ultra-Torr Fitting
- #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
- #165-82-1: Condenser with Ultra-Torr Fitting, 20 mL
- #165-83: Retort Chamber with Lid, 20 mL
- #165-88: Spatula
- #280-00: Wetting Agent, 1 oz

### For 115 Volt Only (#165-80)

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

### For 230 Volt Only (#165-80-1)

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

### Optional

- #153-07: Brush for 20 mL Receiver (JP) Tube
- #165-80-SP: Spare Parts Kit, 115 Volt
- #165-80-1-SP: Spare Parts Kit, 230 Volt
- #165-40: Power Cable, 115 Volt (For older model retorts)
- #165-40-1: Power Cable, 230 Volt (For older model retorts)

### Part Numbers

- #165-80: 115 Volt

- #165-80-1: 230 Volt