



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.



Frontier Kit

The Frontier Kit is a flexible and easy-to-use mud engineer's kit containing a modified Model 800 Viscometer with retractable legs, a Kit-Sized Full Area Filter Press, a Removable Retort, a Sand Content Kit, pH paper, and all reagents, glassware and supplies needed to run alkalinity, chloride, or hardness analysis.



Included Equipment

Model 800 Viscometer

Provides eight precisely regulated speeds for accurate shear rate and gel strength values. Modified with retractable legs, the viscometer fits easily within the case and is completely portable, operating from a 12 Volt battery or standard 115/230 Volt power.

Kit-Sized Full Area Filter Press

Used for easily measuring filtrate, cake, and conducting chemical analyses.

Removable Retort

For measuring the percentage by volume of water, fluids lighter than water, and total solids of a 10 ml sample.

Sand Content Kit

Consisting of a glass tube, funnel, and mesh sieve, this kit helps determine the volume percent of sand-sized particles in the drilling fluid.

pH Paper

Used to help determine the chemical characteristics of the drilling fluid.



Included Equipment

Reagents

#205-02	Versenate® Hardness Indicator Solution, 2 oz
#205-04	Versenate® Hardness Buffer Solution, 2 oz, UN2672
#205-06-M-I	Versenate® Hardness Titration Solution, 1 mL = 2 EPM, 8 oz
#205-10-M-I	Versenate® Hardness Titration Solution, 1 mL = 20 EPM, 8 oz
#220-00	Phenolphthalein Solution, 2 oz
#230-08-M-I	Sulfuric Acid, N/50, 8 oz UN2796
#230-10-M-I	Sulfuric Acid, N/10, 8 oz UN2796
#240-05	Bromocresol Green - Methyl Orange Indicator Solution, 2 oz
#265-00-M-I	Silver Nitrate Solution, .001 g, 0.0282 N, 8 oz
#265-06-M-I	Silver Nitrate Solution, .01 g, 0.282 N, 8 oz
#280-00	Wetting Agent, 1 oz

Technical Specifications and Requirements

- #161-25 Basic
- #161-25-C Complete, with Viscometer and Retort, 115 Volt
- #161-25-1-C Complete, with Viscometer and Retort, 230 Volt

Specifications

- Size: 20.25" × 13.5" × 8.5" (51 × 34 × 22 cm)
- Weight: 48 lb (21.8 kg)