SHEAROMETER KIT #166-08

An alternative measuring device used in determining the gel strength of a drilling fluid is the Shearometer. The set includes two 5-gram, 3.5" × 1.4" hollow shear tubes and a sample cup with a graduated scale mounted in the center of the cup base. The scale measures gel strength in pounds per 100 square feet.

Size: **4" × 4" × 8.5" (10 × 10 × 22 cm)**
Weight: **11 oz (0.3 kg)**

#166-08 Shearometer

Components:
#162-77 Sample Bottle, Polypropylene, 4 oz
#166-12 Shearometer Tube, Aluminum, 5 g

SHEAROMETER TUBE WITH WEIGHT SUPPORT #166-10

This 20 gram shearometer tube with weight support is used for testing heavier muds and is specifically designed for testing high gel strength drilling fluids. It is common for 10 minute gels to reach 35 lb / 100 ft². Drilling conditions and economics will determine the need to reduce gel strengths.

Optional:
#166-02 Weight Set with Box, 50 g - 10 mg

#166-10 Shearometer Tube with Weight Support

OFITE PLASTIC MARSH FUNNEL VISCOMETER #110-10

Viscosity and gel strengths are measurements that relate to the flow properties of fluids. The Marsh Funnel Viscometer has been used for many years to obtain an indication of the relative viscosity of drilling fluids. It is calibrated to outflow one quart (946 mL) of fresh water at a temperature of 70 ± 5°F (21 ± 3°C) in 26 ± 0.5 seconds. The OFITE Marsh Funnel is molded from a tough, durable plastic that resists breaking or cracking. A brass orifice assures consistency in all readings.

Size: **6.5" × 6.25" × 14.5" (17 × 16 × 37 cm)**
Weight: **12 oz (340.2 g)**

#110-10 Marsh Funnel

OFITE 1,000 ML PLASTIC MEASURING CUP #110-20

The OFITE Measuring Cup is graduated in fluid ounces (2 - 32 oz) and cubic centimeters (100 - 1,000 cc) and is designed to be used with the OFITE Marsh Funnel Viscometer. The heavy duty plastic measuring cup features a double spout and has the two scales molded into the inside of the cup for convenience.

Size: **5.75" × 5.5" × 7.25" (15 × 14 × 18 cm)**
Weight: **8 oz (227 g)**

#110-20 Measuring Cup