



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.



Dissolved Air/Diffused Air Flotation Test Apparatus (DADAFTA)

Dissolved Air Flotation and Diffused Air Flotation (both referred to as DAF), are water treatment processes that clarify wastewater by removing suspended matter such as oils and solids. Fine gas bubbles (usually from compressed air) are introduced into the liquid. The bubbles attach to the particulate matter and float them to the surface to form a froth. Chemical flotation aids are often used to enhance the DAF process.

The Diffused Air / Dissolved Air Flotation Test Apparatus (DADAFTA) simulates the DAF process on a small scale. The DADAFTA can be used to measure the floatability of a particular sludge when designing treatment plants and to evaluate chemical flotation aids.



Features

- Clear, unibody pressure cell withstands pressures up to 125 PSI (8.6 bar)
- Oil-less piston air compressor for high efficiency and constant performance
- Permeable ceramic disk used for the diffuser can be removed, cleaned, and reused
- Chemical flotation aid inlet with septum
- Stainless steel paddle for additional mixing capabilities
- Easy-to-read flow meter and pressure gauge
- Quick disconnect fittings



Applications

- Separation of flocculated matter in the clarification of surface water
- Separation of flocculated or non-flocculated oil in wastewater from refineries, airports, and steelworks
- Separation of metallic hydroxides or pigments
- Thickening of the activated sludge (or mixed sludge and primary sludge) from organic wastewater treatment plants

Technical Specifications and Requirements

- #298-00 115 Volt, 60 Hz
- #298-00-1 230 Volt, 50 Hz

Specifications

- Maximum Pressure: 100 PSI (689.5 kPa)

Requirements

- 115 Volt, 60 Hz or 230 Volt, 50 Hz