

OASys™-EX



Brand: OFI Testing Equipment, Inc.

Product Code: 355-00

Availability: 4

Description

The OASys™ is a completely autonomous system that is fully capable of remotely monitoring the direct physical measurement of drilling fluid properties.

OASys at the Rigsite

These technologies provide a wide range of measurement capability based on the critical requirements of fluid properties throughout the drilling process. The ability to capture these measurements in real-time is invaluable to any drilling operation focused on reducing cost, making informed decisions, gaining efficiencies, increased safety, and ultimately increased profitability to name a few the benefits. The modular package allows clients to choose what measurements are critical for their operation in order to address challenges specific to their operation. The system is capable of integrating with multiple rig systems which allows for data transfer and storage seamless for further analysis and evaluation.

Key Benefits

The compact design and footprint of the OASys-Ex allows for deployment in some of the most confined spaces which makes for easy placement on any drilling rig and significantly reduces installation and manpower requirements.

- Cost Reduction
- Less Downtime
- Increased Profitability

Features

- Continuous density, apparent viscosity, and temperature
- Full API rheologies, specified shear rates 3-600 RPM, PV, YP and Gels at controlled temperature set points (per user specifications and intervals)
- Data outputs provided based on data/rig system requirements (Ethernet, serial, Wi-Fi) via standard communication protocols such as WITS0 or WITSML
- Fully automated cleaning cycles
- Redundant safety controls and alarming built in for safe operation and maintenance
- Secondary safety containment system with drain
- Small footprint (48" x 26" x 48") Net Weight: 990 lb

Requirements

- 115 volt power 20 amp
- 120 psi air supply
- Standard 1" camlock hoses for sample in and out (hose lengths vary per installation requirements and placement)
- Cleaning fluid inlet port

Certifications

- ATEX and IECEx Certified
- Ex 60079-46 IIB T3 Gb
- Ex h IIB T3 Gb
- Rated for Zone 1

Options

- Wi-Fi connectivity and external antenna
- Computer interface
- HWD Software package for Hydraulic calculations (ECD, Pressure Drop, cuttings removal efficiency, surge and swab, etc.)