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.



MudChecker ES

The MudChecker provides an innovative method for determining the oil, water, and solids content and salinity of any oil-based drilling fluid. This battery-powered solid state meter provides accurate, repeatable results in minutes without the safety concerns associated with traditional measurement methods. This enables more testing in less time with consistent and traceable digitally-recorded measurements.



Features

- Instant results, no internet connection required
- Accurate, repeatable results of oil, water, and solid content in drilling mud, as well as salinity, are provided in minutes
- Efficient process allows more frequent drilling mud analysis than with retort and titration testing: particularly useful when drilling through complex formations
- Safer measuring process than traditional retort and titration test methods
- Robust handheld enclosure
- Rechargeable battery operated
- Simple and clear display



#365-21-ES MudChecker ES v1.5

Specifications

- Dimensions: 9.8" × 3.4" × 1.3" (250 × 86 × 34 mm)
- Weight: 1 lb 1 oz (480 g)
- Voltage: 5 V Nominal
- Nominal Current: 500 mA
- Operating Temp: 41° 104°F (5° 40°C)

Accessories

- #365-20-1 Mounting Apparatus
- #365-20-2 Probe
- #365-20-4 DSX7 Dilution Solution

Data Acquisition Features

• Records a date and time stamp against each recorded mud measurement providing operators and users with traceable mud logs in the event of an audit

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OFITE		OFITE	MudC	hecker			⊖ Exit
New Measurement	Print Report						
Tests O Show Only	Tests with Connected	device 🛛 S	how All Tests				
Serial # Mud ID		Density HGS Ib/gal) (SG)	LGS (SG) Oil	Base Density (SG)	Oil K Cal? 1	S Salinity	Unit
(011_031 (41 records)			(00)	(00)	Sector 10	535A.	
Test Parameters	Mud Danaltu (fizia		corrected for Si			lids Analysis	Aug CC Selide (a tea
Test Parameters Mud ID Gen_1128	Mud Density (lb/g 15.	al) Oil %	corrected for Sa	Brin	e% Mi	lids Analysis ud Density (lb/gal) 5.530	Avg SG Solids (g/cc) 3.7579
Mud ID		al) Oil % 53.08 Solids %	corrected for Se	Brin	e % Mi 17 15 atio H0	ud Density (lb/gal)	3.7579
Mud ID Gen_1128	LGS Density (g/o	al) Oil % 53.08 Solids %	corrected for S	Brin 13 Oil / Brine R	e % Mi 17 15 atio H0	ud Density (lb/gal) 5.530 GS (%) / (lb/bbl)	3.7579 LGS (%) / (lb/bbl)
Mud ID Gen_1128 IV Weighted Mud HGS Density (g/cc) 4.1 Base Fluid	LGS Density (g/c 2 Base Density (g/c	al) Oil % 53 53.08 Solids % 33.75 .6		Brin 13 Oil / Brine R	e % Mi 17 15 atio H0 9.9 26	ud Density (lb/gal) 5.530 GS (%) / (lb/bbl) 6.05 / 373.9	3.7579 LGS (%) / (lb/bbl)
Mud ID Gen_1128 27 Weighted Mud HGS Density (g/cc) 4.1	LGS Density (g/o 2	al) Oil % 53.08 Solids % 33.75 c) Retort Equival		Brin 13 Oil / Brine R 80.1/1	e % Mi 17 15 atio H0 9.9 26	ud Density (lb/gal) 5.530 GS (%) / (lb/bbl) 5.05 / 373.9 Iter Phase Salinity	3.7579 LGS (%) / (lb/bbl) 7.70 / 70.0
Mud ID Gen_1128 IV Weighted Mud HGS Density (g/cc) 4.1 Base Fluid	LGS Density (g/c 2 Base Density (g/c	al) Oil % 53.08 Solids % 33.75 c) Retort Equival Oil %		Brin 13 Oil / Brine R 80.1/1 Wate	e % Mi 17 15 atio H0 9.9 26	ud Density (lb/gal) 5.530 GS (%) / (lb/bbl) 6.05 / 373.9	3.7579 LGS (%) / (lb/bbl)
Mud ID Gen_1128 Weighted Mud HGS Density (g/cc) 4.1 Base Fluid Oil Oil Calibrated Date	15.1 LGS Density (g// 2 Base Density (g// 0.8; 7/19/20;	al) Oil % 53.08 Solids % 33.75 .6 .0 .7 .7 .8 .0 .5 .0 .5 .0 .5 .0 .5 .0 .5 .0 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5		Brin 13 Oil / Brine R 80.1/1 Wate	e % Mi 117 11 atio HC 9.9 26 Wa er % Wi 11 11 12	ud Density (Ib/gal) 5.530 SS (%) / (Ib/bbl) 6.05 / 373.9 Her Phase Salinity PS (CI- ions mg / It)	3.7579 LGS (%) / (lb/bbl) 7.70 / 70.0 WPS (CaCl2 mg / lt) 237,754
Mud ID Gen_1128 Weighted Mud HGS Density (g/cc) 4.1 Base Fluid Oll	LGS Density (g/c 2 Base Density (g/c 0.8	al) Oil % 53.08 Solids % 33.75 .6 .0 .7 .7 .8 .0 .5 .0 .5 .0 .5 .0 .5 .0 .5 .0 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5		Brin 13 Oil / Brine R 80.1/1 Wate 12	e % Mi 17 15 atio H0 9.9 26 Wa er % Wi 40 15 atio Wi	ud Density (lb/gal) 5.530 SS (%) / (lb/bbl) 6.05 / 373.9 ter Phase Salinity PS (CI- ions mg / lt) 51,900	3.7579 LGS (%) / (lb/bbl) 7.70 / 70.0 WPS (CaCl2 mg / lt) 237,754
Mud ID Gen_1128 Weighted Mud HGS Density (g/cc) 4.1 Base Fluid Oil Oil Calibrated Date	15.1 LGS Density (g/d 2 Base Density (g/d 0.8 7/19/202 20,000.0	al) Oil % 53.08 Solids % 33.75 6 Retort Equival Oil % 53.08 Solids % Solids %		Brin 13 Oil / Brine R 80.1/1 Wate 12 Oil / Water R	e % Mi 17 15 atio H0 9.9 26 Wa er % Wi 40 15 atio Wi	ud Density (lb/gal) 5.530 SS (%) / (lb/bbl) .05 / 373.9 ter Phase Salinity PS (CI-ions mg / lt) 51.900 PS (CaCl2 ppm)	3.7579 LGS (%) / (lb/bbl) 7.70 / 70.0 WPS (CaCl2 mg / lt) 237.754 WPS (CaCl2 wt %)

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