

5X
FASTER

**FASTER, MORE
FREQUENT MUD
CHECKS**

The MudChecker measurement process is upto 5 times faster than traditional retort & titration testing allowing changes in composition to be identified & acted upon quickly



**TRACEABLE
MUD LOGS**

The MudChecker records a date & time stamp against each recorded mud measurement providing operators and users with traceable mud logs in the event of an audit.



**REPEATABLE
RESULTS**

MudChecker provides highly reproducible results. Multiple tests on the same sample with different users yield composition results within +/- 0.5% precision.

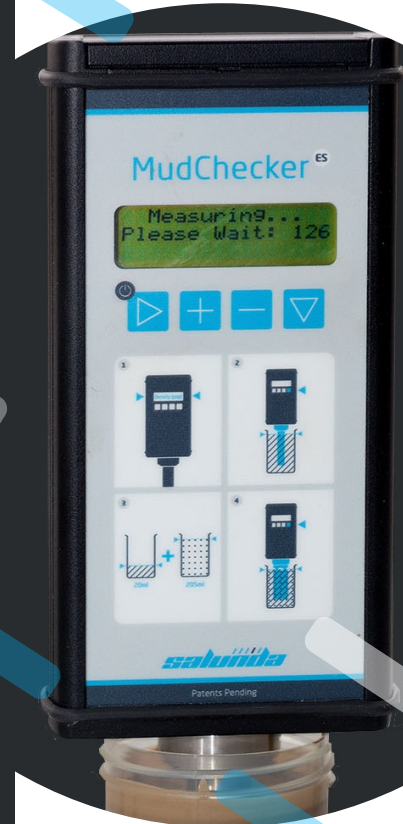


**IMPROVED
HEALTH & SAFETY**

MudChecker is CE marked, and does not generate heat, smoke or require the use of chemicals, reducing risk to the user & ensuring compliance with HSE.

MudChecker is an innovative, hand-held drilling fluid analyzer, designed for the rapid & consistent measurement of critical drilling mud properties.

The MudChecker electronically measures the composition of drilling fluids in a few minutes. Compared to the traditional methods, MudChecker produces traceable results to mud engineers, service companies & operators. MudChecker records changes in composition quickly, safely & consistently making it ideal for trending mud composition.



MUDCHECKER DRILLING FLUID ANALYZER

Oil, Water, Solid & Salinity
Measurements In Minutes

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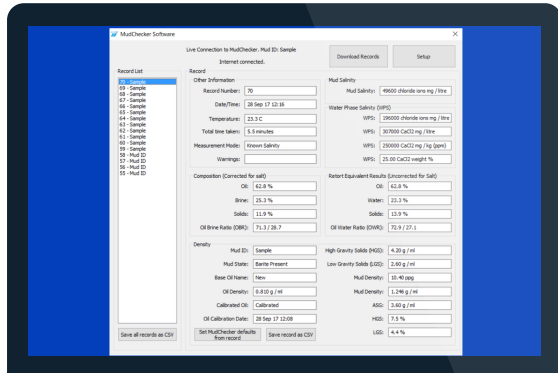
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OFI Testing Equipment, Inc.

MUDCHECKER DRILLING FLUID ANALYZER

Technical specification



MudChecker Outputs

- Oil, brine & solids composition (corrected for salt)
- Oil Brine Ratio (OBR)
- Oil, water & solids composition (uncorrected for salt)
- Oil Water Ratio (OWR)
- Mud Salinity (ions mg/litre)
- Water Phase Salinity (ions mg/litre, CaCl₂ mg/litre, CaCl₂ mg/kg (ppm), CaCl₂ weight %)
- Average Solids Gravity (ASG)
- High Gravity Solids (HGS)
- Low Gravity Solids (LGS)
- Sample temperature
- Date & time stamp of measurement
- Total time taken for measurement

Accessories & Extras Available

- MudChecker training programme
- Software subscription (Software, maintenance, system upgrades & support)
- DSX7 Dilution Solution
- MudChecker mounting apparatus
- Spare probes

Technical Specification

Dimensions: 250 x 86 x 34mm
 Weight: 480g
 Voltage: 5V Nominal
 Nominal Current: 500mA
 Operating Temp: 5 to 40°C

Minimum System Requirements

- 1GHz Processor
- 1GB RAM depending on operating system
- Windows 7

Product Variations

MudChecker KS	MudChecker ES
Oil, water & solid measurements	Oil, water, solid & salinity measurements



Regulatory Compliance

- CE Compliance
- FCC Compliance
- EN61010: Safety requirements for electrical equipment for measurement, control & laboratory use
- EN61326-1: Electrical equipment for measurement, control & laboratory use. EMC requirements, general requirements
- RoHS: Restriction of Hazardous Substances
- WEEE: Waste Electrical & Electronic Equipment
- Rechargeable lithium ion battery