

IMDEX MUD AID™

INTEGRATED WITH **IMDEXHUB-IQ™**

The remotely monitored drilling fluid testing unit



When a drilling fluids specialist cannot be on site full-time, an automated system can be beneficial to measure and monitor drilling fluid properties. The newly launched IMDEX MUD AID™ is a remotely monitored, Automated In-field Diagnosis unit, designed to manage and automate drilling fluid processes.

The IMDEX MUD AID™ facilitates optimisation and execution of the drilling fluid program by presenting real-time information on fluid properties. This compliments the job of the drilling fluids specialist and may assist in optimising drilling fluid performance.

The unit live-samples drilling fluid and tests project specific properties, to API standard where applicable. The unit presents this data in real-time allowing the operator to make adjustments according to the program.

The IMDEX MUD AID™ is integrated with the company's award winning, secure, cloud based web portal IMDEXHUB-IQ™, for complete visibility anywhere, anytime across the operation.



Why IMDEX MUD AID™?

IMDEX MUD AID™ can complement the job of the on-site drilling fluids specialist.

- **Increased productivity** – Real-time notification of drilling fluid parameters and support from a qualified drilling fluids specialist, anywhere, anytime in the world
- **Reduced downtime** – Standard tests at regular intervals help identify issues as they occur
- **Safety** – Reduced risks associated with personnel/contractors on site
- **Instant decision making** – Having access to information means decisions can be made in a timely matter and provides accountability on performance
- **Reporting** - Automatically generated daily drilling fluid reports and recaps
- **Secure chain of custody of the data with seamless workflows.**



Easy set-up and customisation

The IMDEX MUD AID™ is portable, lightweight and easy to install and operate. Set up is provided by a certified AMC drilling fluid specialist and includes pairing the IMDEX MUD AID™ to site specific conditions, setting parameters and automating alerts, helping to intercept any potential issues.

The drilling fluid specialist will remotely provide periodic monitoring and recommendations, so drillers can attempt to rectify variances in the system – providing drillers greater control over their drilling fluid system.

Drilling fluid test properties are viewed through the IMDEXHUB-IQ™ as well as on the unit display, which provides instant, secure access to real-time data and historical information. Data can also be downloaded via USB.

Instant access to data, anywhere, anytime

IMDEXHUB-IQ™ collects, stores and provides critical operational data, protected through a validated chain of custody and secure database. This award winning, secure, cloud based web portal can be accessed from any internet connection, anywhere, any time.

IMDEXHUB-IQ™ provides efficient data work flow and real-time secure access to information, such as data from REFLEX tools, shift reports, pre-starts and more, for geologists, drill supervisors and other key decision makers.

Further information

For more information please contact your nearest IMDEX, AMC or REFLEX representative, or visit one of our websites:
imdexlimited.com | amcmud.com | reflexnow.com

TECHNICAL SPECIFICATIONS

24/7 tracking of drilling fluid parameters (Ability to be programmed to test from every 30 mins to every 12 hrs)

Programmed monitoring of individual drilling fluid programs, to intercept potential issues before they become major

Trend tables for collected data

Email alerts when parameters are breached

Remote monitoring and reporting by an AMC certified drilling fluid specialist

Integration with IMDEXHUB-IQ™, providing access to real-time data and historical information for decision makers

Up to 60 days storage capacity of drilling fluids tests (With full history available via IMDEXHUB-IQ™)

Can be integrated with PASON / WITSO systems

Wi-Fi, 3G/4G, LTE with satellite fail-over connectivity

Can be powered via multiple power options (220VAC, 110VAC, 24VDC rig power, 24VDC solar/battery)

Access data and reports on site via any VNC application (from PC, cellphone, or tablet), or output stored data via USB

Portable, lightweight design – Two pelican cases 45kg and 30kg

Easy 30 min installation time and easy operation

TESTING CAPABILITIES

600rpm	pH
300rpm	Chlorides
6rpm	Potassium
Plastic viscosity	Calcium
Yield point	Density
Gels	Mud weight
Temperature	Apparent viscosity
Other ion selective electrodes can be installed on request.	