

North American Data Acquisition System

Automates the entire process for gas-data collection

Applications

- Monitoring and analyzing hydrocarbons liberated from drilling mud that has come from the borehole

Features and Benefits

- Continuously monitors depth, rate of penetration, total gas, chromatograph readings, and lag depth
- Performs chromatographic analysis of C1 to C4 compounds in 2.5 minutes
- Samples total gas using cost-effective catalytic bead detector
- Can perform gas measurements in parts per million (PPM), percent, or gas units
- Has a user-friendly Windows based operating system
- Interfaces with third-party WITS level 0 devices via serial or TCP/IP
- Does not require hydrogen or helium carrier gases
- Fits into a 19-in. rack or an optional 19-in. case

Safety Notices

- Use the data acquisition (DAQ) system in nonhazardous areas only.



The Weatherford North American DAQ system is a fully computerized, robust, and portable gas-detection unit.

Tool Description

The Weatherford North American DAQ system can be rack mounted into Weatherford mobile labs or rigged up easily in wellsite command centers or geologists' living quarters. The system offers advanced chromatographic capabilities yet is simple to use. It has served the mud-logging industry for more than 50 years.

Specifications

Weight	40 lb (18 kg)
Sensor type	Dual catalytic bead detectors
Chromatograph cycle time	2.5 min
Power requirements	110 Vac, 3A
Location	Logging unit or geologist office
Size	5U (8.75 in.) high; mounts in a standard, 19-in. rack

