



MudVis: Automated Mud Viscosity Logging System

Prime Horizontal



MudVis Advantages

- Real-time automated Viscosity measurements assists the Mud Engineer during the mixing process
- Easy tracking of mud weight throughout the drilling & reaming process
- Generates mud mixing data for reports
- Data download via WiFi for logging, reporting and analysis purposes
- Monitoring is accessible via WiFi from around the drill site from laptops, smartphones and tablets
- User friendly self calibrating/ cleaning, low maintenance system
- Exterior mounted alarm system
- Ability to react quickly to changing soil conditions

MudVis is an automated mud viscosity and specific gravity measuring and logging system.

Designed specifically for the HDD industry, MudVis samples your stock; or mixing tank bentonite at regular preset intervals (varying from 4 to 10 minutes).

The viscosity and specific gravity values are logged in the processing unit, displayed on a sunlight viewable LCD screen, on Wifi enabled laptops, smartphones, and tablets for easy viewing at a glance.

Complements the mud mixing system by providing real time viscosity values during mud mixing.

Measuring mud			STOP
Age	SG	VIS	
Min	Kg/m ³	cP	
4	1105	53	SETUP
8	1103	51	
12	1103	53	

Readout of results on the sunlight viewable display screen displaying: Timing, Specific Gravity and Viscosity



Data logging snapshot of mud measurement viewed on a mobile device

Specifications

Weight (dry)	30 kg (66 lb)
Power	110/220v mains supply
Mud pump	12 m (40 ft) max, 200 l/min
Viscosity units	MFs or Centipoise
Specific gravity units	kg/m ³ (lb/ft ³)
Measurement frequency	Reading at preset intervals [from 4 minutes on (adjustable)]
Accuracy SG / VIS	+/- 1.5%
WiFi capability	With app for real time readings
Mud viscosity	Up to 100 MFs
Dimensions of box (lwh)	30 x 46 x 57 cm (12 x 18 x 22 in)

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