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.

**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

**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/m³ (lb/ft³)
- 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)

**Measuring mud**

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

<table>
<thead>
<tr>
<th>Age Min</th>
<th>SG</th>
<th>Viscosity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1105</td>
<td>53</td>
</tr>
<tr>
<td>8</td>
<td>1103</td>
<td>51</td>
</tr>
<tr>
<td>12</td>
<td>1103</td>
<td>53</td>
</tr>
</tbody>
</table>

**Data logging snapshot of mud measurement viewed on a mobile device**