



MWD Kit Rental & Operations



Lateral Technology MWD Kits powered by MudLink offer:

- Higher mud pulse data rates
- Up to 175 C operating
- Continuous Inclination & Azimuth
- Real time Shock and Vibration
- Integrated Gamma Logging Software
- Drilling Dynamics
- Standard & Azimuthal Gamma - optional
- Rotary Connectors
- Lockdown Muleshoe configurable for release
- BabelFish compatibility- Powerdrive Orbit RSS.



Rig Floor Display

- Class 1 div 2, Atex certified.
- 19" touch screen display
- Wireless, with wired backup option
- Dual digitizer decoding
- Advanced pulse recognition and detection

Pulser

- High speed brushless DC
- Full memory capability
- Configurable flow switch
- Strongest pilot valve
- No depth or mud weight limitations
- High LCM capabilities, evaluated up to 100 lb / barrel

| | | |
|-------------------------------|-------|---|
| Temperature | ..... | 175°C |
| Survival temperature | ..... | (-40°C to 185°C) |
| Pressure | ..... | 20,000 standard 30,000 option |
| Vibration, random | ..... | 20G RMS 10-100 HZ |
| Shock | ..... | 500G,1m Sec, half-sine |
| Operating voltage | ..... | 18-30 V |
| Memory | ..... | 48 MB |
| Inclination accuracy | ..... | (+/- 0.10) while drilling (+/- 0.25) |
| Azimuth accuracy | ..... | Spread at 90 Deg Inc (+/- 0.25) while drilling (+/- 0.50) |
| ..... | ..... | Spread at 10 Deg Inc (+/- 0.50) while drilling (+/- 1.00) |
| ..... | ..... | Spread at 5 Deg Inc (+/- 1.00) while drilling (+/- 2.00) |
| Dip angle spread | ..... | (+/- 0.50) |
| Total g field spread | ..... | 2.50 mg |
| Tool face accuracy | ..... | gravity high side (+/- 0.50) |
| ..... | ..... | magnetic tool face (+/- 1.00) |
| Total magnetic field accuracy | ..... | 3.00 mgauss |
| RPM measurement | ..... | -1200 to -30 (+/- 2% of value) |
| ..... | ..... | -30 to 30 (+/- 3.5% of value) |
| ..... | ..... | 30 to 1200 (+/- 2% of value) |
| Shock and Vib measurements | | 0-100 G |
| Pilot valve push pull | | 200 lbs. push 160 lbs. pull |

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