

Vibration Monitor Module: VIBMON

The VIBMON monitors downhole shock and vibration in three axes. Real-time telemetry and display of downhole shock and vibration enables drillers to avoid costly downhole equipment failure and optimize ROP. Data is also recorded downhole for plotting and analysis on surface.

ADVANTAGES

- ✓ Real time monitoring of axial and lateral shock allows the user to proactively identify tool damaging situations and take immediate action
- ✓ Downhole recording of shock and vibration allows for detailed plotting and analysis on surface
- ✓ xxMemIO and vmAnalyzer applications make downloading and analyzing VIBMON recorder data easy
- ✓ For users running xxSAPC or xxDRT, real-time VIBMON data displays right on the xxSAPC or xxDRT screen
- ✓ vmIndicator provides for display of real-time shock and vibration for users not running the XXT xxMWD/PC™ Program Suite

FEATURES

- ✓ 3-axis $\pm 200g$ vibration measurement
3-axis $\pm 400g$ shock measurement
- ✓ 4MB downhole recorder memory
- ✓ 175°C rating
- ✓ Telemetry-compatible with XXT and GE/Tensor MWD systems
- ✓ Low power consumption (approx 12mA @ 28Vdc)



Molded modules are durable and serviceable



+/- 400g accelerometers



Highly reliable lap-joint MDM connectors



PRODUCT INFORMATION

Enteq XXT Downhole Tools



SPECIFICATIONS

Length:	16.4 inches	Measurements:	±200g vibration ±400g shock
Diameter:	1.36 inches (excluding O-rings)	Compatibility:	XXT and GE/Tensor MWD Systems
Power Consumption:	Approx 12mA @ 28Vdc	Operating Voltage:	16 to 36Vdc
Temp Rating:	175°C	Recorder:	Non-volatile, 4MB
Plotting and Analysis Application:	vmAnalyzer	Real-Time Display Application:	vmIndicator

The complete Enteq product range

Enteq Upstream provides next-generation MWD systems and components for Directional Drilling. Enteq is pursuing a focused acquisition strategy and investing in product development in order to provide a range of technologies and products to global and regional service companies.

Enteq XXT Downhole Tools

- Directional Sensors
- Directional Interface Module
- Positive Pulser
- Pulser Drivers
- Translator Modules
- Vibration Monitor
- Dual Gamma Interface

Enteq XXT Surface Gear

- Mud Pulse receiver cards
- Surface Translator: Tool to PC
- Full Laversab PC
surface system

Enteq XXT Software

- A full suite of programming
and MWD output software
with multiple specialized
applications

Enteq KMS

- MWD mechanical parts
- Mud motor parts
- Float valves
- Fabrication services

MK-100179-02A

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