

# VIBE SCOUT®

## FRICITION REDUCTION TOOL



### TECHNICAL DATA SHEET

The Vibe Scout system utilizes drill string hydraulics to produce axial vibrations to overcome poor weight transfer, stick-slip, drag, and other common drilling dysfunctions associated with directional and horizontal drilling applications. The result is better tool face control, improved drilling performance, better bit life, and increased lateral lengths due to the dramatic reduction in static friction.

Field adjustable pressure drop, compatibility with all types of MWD systems, and superior quality control systems make the Vibe Scout your obvious choice for friction reduction services.

#### TOOL APPLICATIONS

- Poor weight transfer conditions
- Areas of known stick slip issues
- Poor tool face control

Shown with  
CuBIC



#### FEATURES AND BENEFITS

- Adjustable pressure drop at the rig site
- Offered in two frequencies to ensure MWD compatibility
- Improved weight transfer, drilling performance, and bit life
- Reduced drill string fatigue, friction and stick-slip
- Decreased connection time
- Reduced rotary torque
- All tools are flow loop tested prior to each deployment
- Field-based support
- Can be fitted with CuBIC® smart sensors

*CuBIC is a new generation compact drilling dynamics data recorder designed to be embedded into existing drilling tools at any point within the BHA. It provides shock, vibration, rotation, and temperature. measurements for drilling dynamics analysis, failure identification, and condition-based monitoring.*



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<b>Vibe Scout System - Specifications</b>			
<b>Tool O.D.</b>	<b>4.875" (124 mm)</b>	<b>5.25" (133 mm)</b>	<b>6.50" (165 mm)</b>
<b>Hole Size</b>	5-7/8" - 6-3/4" (149 mm - 171 mm)	6-1/4" - 6 3/4" (158 mm - 171 mm)	7-7/8" - 8-3/4" (200 mm - 222 mm)
<b>Flow Rate</b>	150 - 350 GPM (568 L - 1325 L)	150 - 350 GPM (568 L - 1325 L)	400 - 700 GPM (1514 L - 2650 L)
<b>Standard Frequency</b>	4 - 10 Hz	4 - 10 Hz	5 - 8 Hz
<b>Hi-Frequency</b>			7.5 - 12 Hz
<b>Optimal Pressure Drop</b>	550 PSI	550 PSI	550 PSI
<b>Temperature (STD)</b>	320° F (160° C)	320° F (160° C)	320° F (160° C)
<b>Temperature (Hi-Temp)</b>	* 350° F (176° C)	* 350° F (176° C)	* 350° F (176° C)
<b>Connection Options</b>	3-1/2" IF XT39	4" FH XT39 DS 40 DS 42 Delta 425	4-1/2" IF 4-1/2" XH
<b>Length</b>	24.8' (7.56 m)	24.8' (7.56 m)	26.75' (8.15 m)
<b>Weight</b>	1,150 lbs (522 kg)	1,240 lbs (562 kg)	2,075 lbs (941 kg)
<b>* Application Specific</b>			

