

Magnetic Borehole Deviation Tool w/ Gamma Ray

Mount Sopris Industries (MSI) 2DVA-1000

Operating Constraints:

Maximum pressure 2900 PSI
Operation temperature range 0 to 70 degrees C, 32 to 158 degrees F
Borehole constraints..... Open hole or non-magnetic casing

Dimensions:

Length..... 63 in., 1.660 meters
Diameter 1.5 in., 3.81 cm
Weight 16 lbs, 7.3 kg

Deviation Sensor:

Orientation..... 3-axis magnetometer and 3 accelerometers
Inclination range..... 0 – 90 degrees from vertical
Inclination accuracy +/- 0.5 degrees
Azimuth accuracy..... +/- 1.0 degrees

SP Electrode:

SP range..... -1.5 to 1.5 VDC
SP accuracy..... 1 %
SP resolution..... 0.04 %

Single Point Resistance Electrode:

Single Point Resistance range..... 0 - 5000 ohms
Single Point Resistance accuracy..... 1% of full scale
Single Point Resistance resolution..... 0.02 %

Natural Gamma Ray Detector:

Sodium Iodide (NaI)..... 0.875 X 3.0 in., 22.22 X 76.2 mm, (Diameter X Length)
Gamma Ray range..... 0 – 100,000 API

