BOREHOLE WIRELINE
"For Logging & Interpretation Service"

Gyroscopic Deviation.

Measurement Principle

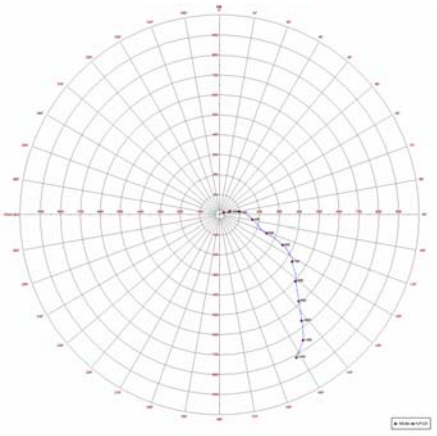
The probe employs a combination of precision accelerometers and the Humphreys Rate Gyro unit to measure its orientation with respect to the earth's gravitational field and a collar azimuth direction.

Data is continuously transmitted to the surface acquisition system whilst the probe is being raised or lowered in the borehole.

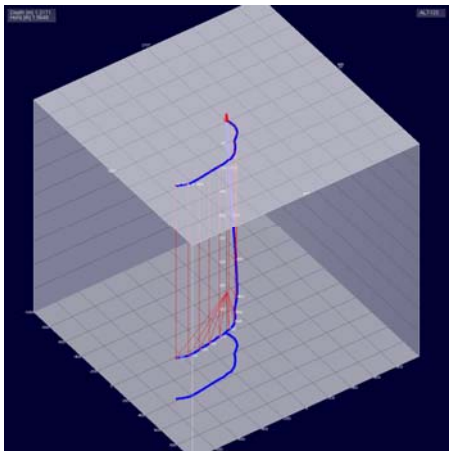
Operation

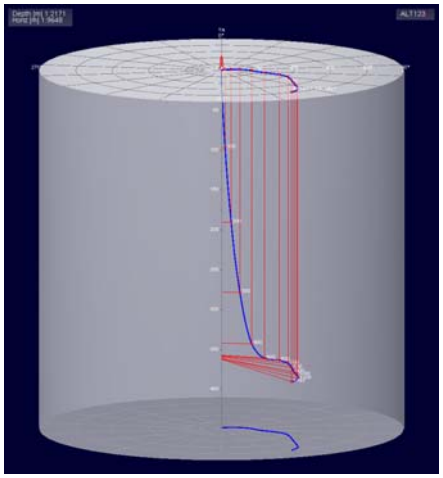
The probe can be run in air filled and/or fluid filled openhole and cased conditions.

The main use of this probe is within magnetic bodies where magnetic azimuth cannot be reliably recorded.



Single Run





Combinable Probe Stack

PHYSICAL SPECIFICATIONS	
WEIGHT	10 kg
LENGTH	1.50m
DIAMETER	42mm
DETECTOR	Humphreys rate Gyro
INCLINOMETER RANGE	0 to 60°
INCLINATION ACCURACY	+/- 0.4°
AZIMUTH RANGE	0 to 360°
AZIMUTH ACCURACY	+/- 2.0°
MAX. PRESSURE	20 MPa
MAX. TEMPERATURE	80°C