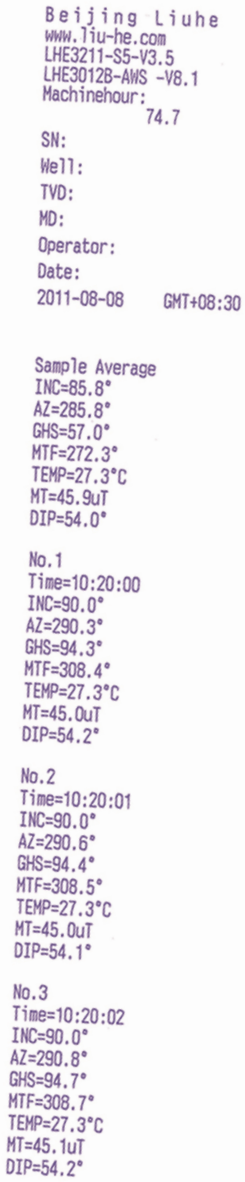
Survey Section of ESS

Introduction

It adopts the embedded system to process the data, which eliminates manual reading error, obtains multigroup of data from every survey point and carries out self-check automatically. It has been widely used for oil drilling, directional drilling, coal mine construction and vertical wells. It is the update products of the magnetic camera inclinometer.



Features

- Adopt mini high precision solid state sensor
- Lower power consumption; rechargeable battery; small OD probe of Φ27mm(1.06″)
- Provide parameters: attitude, magnetic, temperature and power
- Obtain multi-group of data from every survey point, which have real time clock label
- High reliability; shock resistance up to 3500g(7.7lbs)
- Provide special data-processor or process the data via computer
- The ideal substitute of photographic single shot instrument and compatible with 45mm (1.77″) running gear of photographic single shot tool

Technical Parameters

Inclination	0 to 60°/180°	±0.2°
Azimuth	0 to 360°	±1.0°
High side tool face	0 to 360°	±0.5°
Magnetic tool face	0 to 360°	±0.5°
Magnetic intensity	0 to 100μT	±0.5μT
Magnetic dip	-90° to 90°	±0.5
Temperature	Up to 125°C / 257°F	±2.0°C/±3.6°F