

# Intelligent Electronic Multi Shot Probe

## ■ Introduction

LHE1220 Intelligent Electronic Multi Shot Probe is mainly used in the trajectory measurement in drilling projects or other constructions. Different from other regular multi shot tools, this product judges the collected data and calculates the well depth automatically according to the trip status through intelligent identification technique. The inclination and azimuth as well as the well depth can be calculated and combined into the borehole trajectory via software.

There is no need to record trip time by hand. The probe together with the software will get the well depth automatically, which help to reduce the surveying workload greatly. Besides, there is few invalid data in the survey results, which reduces the workload of filtering the data manually. LHE1220 Intelligent Electronic Multi Shot Probe has small structure and good performance in antishock. Threshold identification and the data acquisition number can be programmed. It is the updating and upgrading of the current multi shot survey instrument.

## ■ Features

- Threshold identification and the data acquisition number can be programmed
- Calculate the depth automatically according to the trip status
- Adopt high precision solid state sensor
- Super small probe
- Rechargeable battery pack
- Alarm when power is low

## ■ Application

- Monitor the downhole trajectory in oil drilling projects
- Flexural measurement in geological drilling field

## ■ Technical Parameters

• Inclination	0 to 60°/180°	±0.2°
• Azimuth	0 to 360°	±1.0°
• Gravity tool face	0 to 360°	±0.5°
• Magnetic tool face	0 to 360°	±0.5°
• Temperature range	Up to 125°C / 257°F	±2.0°C
• Timing	Up to 1080min	
• Power supply	7.2V	
• Working temperature	Up to 125°C / 257°F	
• Working temperature	240g	
• Dimension	Φ27×294mm	

