

Digital Calibration Stand

■ Introduction

LHE0004 Digital Calibration Stand can be used for testing the down-hole directional instruments.

The stand is made of high strength non-magnetic materials and bearings to confirm the whole magnetic field distortion $\leq 30\text{nT}/5\text{mm}$.

The stand only needs to be calibrated once after installation, whatever power-off or not. The azimuth axis can rotate freely 360° because of the slip ring. The Inc hand wheel is fixed in the best position so that the operator stays in a safe place. The LHE0014 PC software is designed professionally to satisfy the customer's special and personal requirement of the testing data.



■ Features

- Non-magnetic, and simple appearance
- Adopt non-magnetic encoder of absolute value
- Test probes at all azimuth angles from 0 to 360° with non-magnetic slip ring
- Digital real-time display with USB interface
- Used for testing kinds of inclinometers
- Synchronously displaying and saving data with LHE0014 PC software
- Reserved custom power interface

■ Application

- Calibrate oil drilling inclinometers and compass
- Calibrate geological borehole survey tools

■ Technical Parameters

• Inclination	0 to 180°	$\pm 0.05^\circ$
• Azimuth	0 to 360°	$\pm 0.05^\circ$
• Tool face	0 to 360°	$\pm 0.05^\circ$
• Clamping diameter	$\Phi 26$ to 55mm (1.02" to 2.17")	
• Communication interface	USB	
• Weight	70Kg	
• Dimension	$\Phi 800\text{mm} \times 1300\text{mm}$ (31.5" x 51.2")	
• Foot size	$\Phi 60\text{mm} \times 40\text{mm}$ (2.36" x 1.57")	
• Power supply	AC85 to 264V	
• Temperature range	-20 to 55°C / -4 to 131°F	
• Load capacity	$\leq 20\text{Kg}$	

