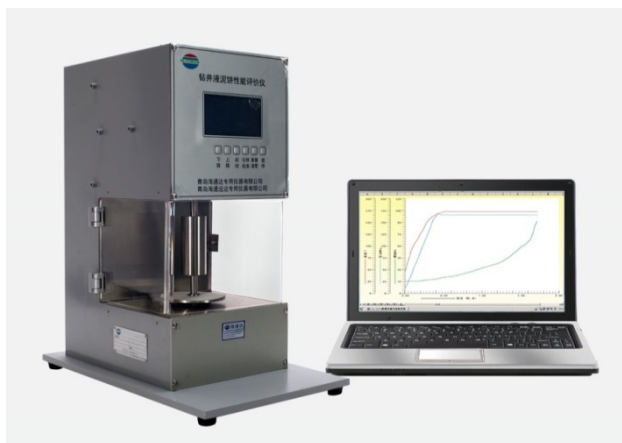




## Mud Cake Performance Tester

The Model HTD19941 mud cake performance tester is a new generation of mud cake tester developed independently by our company. It can be used to carry out mud system experiment and to establish theoretical models of mud cake stratified structure that reflect different mechanical characteristics of mud cakes.

The instrument is driven by the transmission system to apply pressure to the mud cake by the feeler lever at a fixed speed. The acquisition system detects and collects data on the pressure provided by the transmission system. The measurement results are obtained after processing by the control system. Color LCD and computer data analyze and archive the data, after which, the comprehensive parameters of mud cake performance are acquired.



Mud Cake Performance Tester  
HTD19941

### Characteristics

Intelligent control technique enables an accurate control of displacement.

Constant speed motor and fiberglass Teflon bearings run smoothly;

It is connected to the host computer, recording and printing the experimental data via special software;

It can measure the weight, thickness, solid thickness, virtual thickness, hardness, toughness and etc.

### Parameters

No.	Category	Parameters
1	Power Supply	(220±11) V, 50 Hz
2	Actual Measuring Range	0~4 mm
3	Measuring Accuracy	0.05 mm
4	Repeatability Accuracy	0.03 mm
5	Weighing Resolution	1 g
6	Weighing Accuracy	1 g
7	Maximum Weighing	750 g
8	Net Weight/Gross Weight	30kg/35kg

# HAITONGDA

## *Drilling Fluid Analytical Instruments/Oil Well Cement Testing Instruments*

9	Dimensions	300×350×650 (mm)
10	Shipping dimensions	450×500×800 (mm)

### **Warranty and Service**

We guarantee our products against any defects in workmanship or material for one year. Each quotation or order confirmation states terms of trade, trade agreement and warranty.

We specialize in research and manufacturing of drilling fluid, completion fluid and oil well cement testing instruments. As a company with over 40 years of history, we have years of manufacturing experience and a complete after-sales service system. We are willing to provide a complete set of laboratory equipment solutions for you.

### **Product Catalog of Haitongda**

#### **Drilling Fluid Analytical Instruments**

- Density testing instruments
- Rheometers
- API filter press
- High temperature and high-pressure filter press
- Mixer
- Solid content testing instruments
- High temperature aging test instruments
- Frictional coefficient testing instruments
- Lubricity analytical instruments
- Shale testing instruments
- Plugging performance evaluation instruments
- Electrochemical analytical instruments
- Overall drilling fluid laboratory solution

#### **Oil Well Cement Testing Instruments**

- Atmospheric consistometer
- High temperature and high pressure consistometer
- Atmospheric curing chamber
- High temperature and high-pressure curing kit
- Ultrasonic cement analyzer
- Constant speed mixer
- Rotational viscometer
- Pressurized densitometer
- Data collection and control system
- Overall oil well cement laboratory solution

### **Contact Information**

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