



Qingdao Haitongda Special Instrument Co., Ltd.
Qingdao Haitongyuanda Special Instrument Co., Ltd.

Drilling Fluid Analytical Instruments

Permeability Plugging Tester

Permeability Plugging Tester is designed to measure the filtration performance of drilling fluid under more realistic underground static conditions. This instrument is of great significance in predicting how the drilling fluid forms semi-permeable filter cake to seal fractured formation and help prevent differential pressure sticking.

The nature of physical plugging technology of drilling fluid is to reduce the penetration depth of filtrate through the joint action of inner filter cake and outer filter cake.

Permeability Plugging Tester evaluates plugging performance by using foreign imported sand discs with different specifications of holes. The brand-new threaded lid design allows testing at higher temperature and pressure, which ensure the safety of operators.



Sand discs of plugging tester (import)

Characteristics

Intelligent control technology realizes precise control of temperature.

Digital temperature controller could maintain a constant temperature during the whole working process;

The threaded lid design will keep the cup closed when there is pressure inside.



Permeability Plugging Tester
HTD18984

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Drilling Fluid Analytical Instruments/Oil Well Cement Testing Instruments

Parameters

| No. | Category | Parameters |
|-----|-------------------------------|-------------------|
| 1 | Power Supply | (220±11) V, 50 Hz |
| 2 | Maximum Operating Temperature | 260°C |
| 3 | Maximum Operating Pressure | 27.5 MPa |
| 4 | Volume of Sample Cell | 500 mL |
| 5 | Net Weight/Gross Weight | 60 kg/68 kg |
| 6 | Dimensions | 275×305×1050 (mm) |
| 7 | Shipping Dimensions | 730×710×1400 (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

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Contact Information

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