



High-pressure Visual Plugging Tester

To meet the global need for ultra-high temperature drilling fluid research, we bring out the latest model of high-pressure visual plugging tester.

High-pressure visual plugging tester can observe the permeability of drilling fluid under high pressure through the visual window in the visual barrel. It consists of a base, bracket, visual barrel, charging barrel and control cabinet.

The instrument adopts a 1m (length) drilling fluid cup with a see-through barrel, possessing a high strength that can withstand pressure up to 3MPa; it is equipped with the pumping device; the diameter of the lower liquid discharge valve channel is larger, which completely solves the problem that the old instrument can only withstand a low pressure.



High-pressure Visual Plugging
Tester
HTD18986

Characteristics

- Intelligent control technique and enhanced pressure protection. Precise control of working pressure;
- Electric contact pressure gauge could maintain a constant pressure during the whole working process;
- The design takes full account of the working conditions in field laboratory;
- The circulating pumping system accurately simulate the field conditions;
- The high-strength transparent sample room can withstand pressure up to 3 MPa;
- The charging barrel protection unit, made of stainless steel, is safe and reliable.

Parameters

No.	Category	Parameters
1	Power Supply	(220±11) V, 50 Hz
2	Maximum Operating Temperature	Ambient temperature
3	Maximum Operating Pressure	3 MPa
4	Volume of Sample Cell	1800mL
5	Volume of Sample Bucket	4000 mL
6	Net Weight/Gross Weight	370 kg/465 kg
7	Dimensions	2000×1000×1850 (mm)
8	Shipping Dimensions	2200×1200×2050 (mm)

HAITONGDA

Drilling Fluid Analytical Instruments/Oil Well Cement Testing Instruments

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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